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OFF-SITE RADIOLOGICAL SAFETY PROGRAM
FOR
PROJECT RULISON
FLARING, PHASE III

COPY

by
Monitoring Operations Division
Environmental Monitoring and Support Laboratory

U. S. ENVIRONMENTAL PROTECTION AGENCY
Las Vegas, Nevada

Published November 1976

This surveillance performed under a Memorandum of
Understanding No. AT(26-1)-539
for the
U. S. ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION

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OFF-SITE RADIOLOGICAL SAFETY PROGRAM
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FLARING, PHASE III

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by
George A. Boysen
Monitoring Operations Division
Environmental Monitoring and Support Laboratory

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ABSTRACT

This report presents the operational procedures and results of the off-site radiological surveillance activities conducted by the U. S. Environmental Protection Agency during the production flaring phase of the Project Rulison program.

Project Rulison was the second nuclear experiment conducted jointly by the U. S. Government and private industry to investigate the feasibility of using nuclear explosives to stimulate production of natural gas from a low-permeability, gas-bearing formation by producing a zone of fractured rock and a chimney of rock rubble around and above the detonation point. The Rulison device was detonated on September 10, 1969. The drillback operations began during April 1970, and the rubble chimney was reached on July 28, 1970. Preparation for production flaring continued through August and included several short flaring tests during August. The production flaring operation began on October 4, 1970. It included four different flaring periods and ended on April 23, 1971.

The only radioactivity detected in the off-site area during and following the flaring operation was krypton-85 in air and tritium in atmospheric moisture, precipitation, natural vegetation, and soil. No levels of radioactivity greater than five percent of the U. S. Energy Research and Development Administration (ERDA) Manual, Chapter 0524, Concentration Guides (CG's) were detected off-site and no levels greater than one percent of the CG's were detected at populated locations. All samples of milk, water, food crops, cow feed, urine, and animal samples collected off-site contained background levels of radiation. Dose estimates indicate that the maximum inhalation and skin absorption exposure to a resident in the Project Rulison area from tritium released during the flaring program was about 0.001 mrem, which is less than 6×10^{-4} percent of the appropriate radiation protection standards for the general population as specified in the ERDA Manual, Chapter 0524(7). The total body dose from krypton-85 was estimated to be much less than 0.001 mrem.

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INTRODUCTION

On October 4, 1970, the production test flaring operation was begun on an experimental natural gas well to determine the volume and production capacity of an underground rubble chimney created by a 40-kiloton nuclear explosive detonated on September 10, 1969, 6 miles southeast of Grand Valley, Colorado, and designated Project Rulison.⁽¹⁾ The flaring operation continued until April 23, 1971. During this period, the U. S. Environmental Protection Agency (EPA), Environmental Monitoring and Support Laboratory-Las Vegas (EMSL-LV)*, conducted an off-site radiological safety program in accordance with a Memorandum of Understanding with the U. S. Energy Research and Development Administration (ERDA). This report describes the operational procedures which were followed by the EMSL-LV for this portion of the Rulison Project, and presents the results of radiation monitoring and sampling in the area surrounding the test well.

Project Rulison was an experiment jointly sponsored by the Austral Oil Company, Inc., of Houston, Texas, the ERDA, and the U. S. Department of the Interior, Bureau of Mines. Program management was provided by Austral Nuclear Engineering Corporation, a subsidiary of Austral Oil Company, Inc. The purpose of the project was to study the economical and technical feasibility of using an underground nuclear explosion to stimulate production of natural gas from the low productivity gas-bearing Mesa Verde formation in the Rulison Field of western Colorado and to determine the degree of stimulation. The project site was in Section 25, Township 7 South, Range 95 West, Garfield County, Colorado, which corresponds to geodetic coordinates of longitude 107° 56' 5" W and latitude 39° 24' 21" N. Figures 1 and 2 show the location of the test well and the surrounding area.

*Formerly the National Environmental Research Center-Las Vegas.

BACKGROUND

The Rulison experimental program was organized into three phases. Phase I included drilling a pre-shot exploratory well, performing pre-shot gas production tests, drilling the emplacement hole, and performing geological, hydrological, and other studies for technical and safety confirmation.

Phase II included surface construction, emplacement of the nuclear explosive at a depth of 8,431 feet⁽¹⁾, detonation of the explosive, and measurement of immediate detonation effects. The second phase was completed on September 10, 1969, with detonation of the nuclear explosive. During the detonation, hundreds of different radionuclides were created by nuclear fission and neutron activation of certain elements in the area surrounding the nuclear explosion. Many of these fission and activation products were solids which were entrained in the molten rock or deposited within the cavity after the rubble and cavity area cooled. Many of the radioactive species provided a potential radiation exposure problem to residents living in the vicinity of the test well if the cavity accidentally vented to the atmosphere. However, the radioactivity within the cavity was contained as predicted, and no radiation exposures to Rulison area residents occurred. The results of the environmental monitoring and sampling conducted by the EMSL-LV during Phases I and II were reported earlier⁽²⁾.

Following the detonation, a delay of six months was scheduled before drill-back toward the rubble chimney was initiated. This was done to allow the radioactivity to decay to less than 1/1000 of that present 12 hours after the detonation. From a calculation of the fission and activation products which would remain after 180 days of decay⁽¹⁾, the gaseous radionuclides of greatest concern were identified as tritium and krypton-85 which have half-lives of 12.26 years and 10.76 years, respectively. After flaring had begun, analysis of the gas from Rulison also indicated the presence of small quantities of mercury-203, which resulted from neutron activation of mercury in the geological medium.

Phase III of the Rulison experimental program involved the controlled drill-back into the rubble chimney and flow-testing of the gas well to determine the cavity volume, the degree of stimulation of the natural gas flow from the low permeability reservoir, and the degree of radiological contamination of the produced gas. Drill-back and re-entry operations were begun on April 1, 1970, and continued intermittently until October 4, 1970, when it was believed that entry into the cavity had been achieved and that gas flow could be maintained. During the re-entry period, a series of short flow tests or flaring runs was conducted in an attempt to begin the planned calibration flaring tests, prior to the actual production tests. The results of the environmental monitoring and sampling conducted by the EMSL-LV during the re-entry part of Phase III were reported earlier⁽³⁾.

The flaring part of Phase III began on October 4, 1970, and continued until April 23, 1971. The flaring was divided into four operations which are described briefly below.

Calibration Flaring

The calibration flaring operation was started on October 4 and was completed on October 7, 1970. The purpose of the calibration flaring was to measure the source term and to monitor environmental radiation levels and sample the environment while the Rulison gas was being flared at different gas flow rates during different meteorological conditions. The gas flaring rates varied, but the maximum flaring rate was 15 MMSCFD (million standard cubic feet per day). A total volume of approximately 12 MMSCF (million standard cubic feet) of gas was flared during this period.

High-rate Flaring

The high-rate flaring operation was started at 1430 Mountain Standard Time (MST) on October 27, 1970, and continued until 1417 MST on November 3, 1970. The purpose of the high-rate flaring was to evaluate the volume of the rubble chimney. At the beginning of the flaring period, the gas flow rate was gradually increased to 20 MMSCFD over a 6-hour period, but at this high flow rate the flame at the top of the flare stack could not be sustained. Because of the flame-out problem, the flow rate was

reduced to 17.0 MMSCFD. The flow rate gradually decreased during the flaring period to 11.4 MMSCFD at the time the flaring operation was terminated. A total volume of approximately 109 MMSCF of gas was flared during this flaring period.

Intermediate-rate Flaring

The intermediate-rate flaring operation was started at 1245 MST on December 1, 1970, and continued until 1403 MST on December 20, 1970. The purpose of the intermediate-rate flaring was to evaluate the dimensions and flow characteristics of the fracture zone. The flow rate of the natural gas was maintained between 5.0 and 5.5 MMSCFD throughout the flaring operation and a total volume of approximately 100 MMSCF of gas was flared.

Long-term Low-Rate Flaring

The long-term low-rate flaring operation was started at 0850 MST on February 2, 1971, and continued until 1500 MST on April 23. The purpose of the long-term low-rate flaring was to evaluate the production capabilities of the rubble chimney and well. The flow rate of the natural gas was 11.5 MMSCFD at the start of flaring and decreased to 0.9 MMSCFD by the time the flaring operation was terminated. A total volume of approximately 233 MMSCF of gas was flared.

The natural gas from the Project Rulison test well was flared at the top of a 90-foot-high stack located several hundred feet from the test well. After the gas came from the test well, it entered a separator unit where most of the water and heavy hydrocarbons were removed from the gas. The water and hydrocarbons were temporarily stored in separate tanks. After the volume and radioactive content of the water and heavy hydrocarbons had been documented, they were injected directly into the flare, where the water was vaporized and the hydrocarbons were burned. Between the separator and the flare stack, the flow rate of the natural gas was measured using orifices. The radioactivity of the gas was also measured. It was assumed that after burning, any tritium present in the plume would be in the form of water vapor.

The Project Rulison site was located in the Battlement Creek Valley on the north side of Battlement Mesa as shown in Figure 2. The flare stack of Project Rulison was at an elevation of about 8,150 feet above mean sea level (MSL). Battlement Creek, one of several streams which drain the slopes of Battlement Mesa, originates from several reservoirs on top of Battlement Mesa about three miles southeast of the flare stack and is also fed by springs as it flows down the slope. The elevation of the top of Battlement Mesa varies from 10,000 to 11,000 feet above MSL. Battlement Creek flows within a few hundred feet of the project site and continues northwest down the valley. About 3 miles downstream from the flare stack, Battlement Creek leaves the valley and crosses an alluvial fan area known as Morrisania Mesa. It then continues northwest and empties into the Colorado River near Grand Valley. Several ranches are scattered across Morrisania Mesa, many of which use water from Battlement Creek for irrigation and domestic use.

Battlement Mesa and the Battlement Creek Valley are uninhabited except for occasional hunters, fishermen, and ranchers tending their stock. The population distribution between 0 and 5 miles from the test well is shown in Figure 3.

At the project site, the predominant daytime wind direction across Battlement Mesa is toward the northeast. Occasional winds blow to the east and southeast, but winds from other directions are relatively rare. The wind directions near the ground are influenced by the terrain and other factors, such as temperature inversions and nocturnal cooling. The predominant daytime condition involved up-slope winds allowing the plume to rise and be carried over the 9,000-to 10,000-foot ridges to the east of the flare stack. The plume then remained primarily under the influence of the winds at those levels, although vertical mixing to lower altitudes occurred under unstable conditions. Plume travel to the nearest populated locations under these conditions was 10 miles or more. The nocturnal flow under cloudy sky conditions was usually the same as the daytime up-slope flow.

Under clear sky conditions the nocturnal flow was a down-slope or drainage wind with the flow moving down the Battlement Creek Valley. This nighttime drainage wind was the usual nocturnal occurrence. When the plume

reached the mouth of Battlement Creek Valley, it entered the Colorado River Valley drainage winds over the Morrisania Mesa area and was carried southwest down the Colorado River Valley. Under the drainage wind conditions, a portion of the plume broke through the inversion and was carried up-slope over the ridges to the east of the flare stack. The relative amounts of plume material carried up-slope and down the valley under drainage conditions depended upon several factors, including the gas flow rate and the depth and intensity of the inversion.

Although postulated radiation exposures to residents in the vicinity of the test well⁽⁴⁾ were below the radiation exposure criteria in Section II-A of the appendix to the ERDA Manual, Chapter 0524⁽⁷⁾, environmental monitoring and sampling were conducted for purposes of verification and documentation.

OPERATIONAL GUIDE

A. Responsibilities

In accordance with a Memorandum of Understanding with the ERDA, the EMSL-LV serves as the Off-Site Radiological Safety Organization. The off-site areas of responsibility are beyond the boundaries of the Nevada Test Site and other test locations designated by the ERDA. The Project Rulison off-site area was defined by the ERDA, Nevada Operations Office, to be that area beyond a radius of 600 feet from the test well. Accordingly, the EMSL-LV was responsible for conducting an off-site radiological safety and surveillance program for the production flaring phase of Project Rulison. EMSL-LV responsibilities included:

1. Documenting the radiological situation in the off-site area through comprehensive environmental sampling and radiation monitoring.
2. Assuring continuous protection of public health and safety by determining any past exposures and the potential future exposures, and implementing protective measures as requested by the ERDA Director of Nuclear Operations.
3. Conducting a public contact program in the off-site area to assure local residents that all reasonable safeguards were employed to protect health and property from test effects.
4. Collecting information regarding incidents which may have been attributed to the test program.

B. Organization

The Director, EMSL-LV, served as the Off-Site Radiological Safety Officer and was responsible for the overall off-site radiological safety program. Program planning and field activities were performed by the EMSL-LV Monitoring Operations Division.

C. Radiation Exposure Criteria

The radiation protection standards for external and internal exposures to

off-site residents are contained in Section II-A of the appendix to the ERDA Manual, Chapter 0524⁽⁷⁾. These standards are as follows:

Type of Exposure	Based on Exposure to Individuals	Based on an Average Exposure to a Suitable Population Sample
Whole-body, gonads, or bone marrow	0.5 rem/year	0.17 rem/year
Thyroid or bone	1.5 rem/year	0.5 rem/year

The Concentration Guides (CG's) derived from these dose standards for continuous off-site exposures to ³H, ¹⁴C, and ⁸⁵Kr in the air are as follows:⁽⁷⁾

Isotope	CG (Individual) (pCi/m ³)	CG (General Population) (pCi/m ³)
³ H	2.0×10^5	0.67×10^5
¹⁴ C	1.0×10^5	0.33×10^5
⁸⁵ Kr	3.0×10^5	1.0×10^5

For continuous off-site exposures to ³H in water, the CG's for the general population and the individual are 1×10^6 and 3×10^6 , respectively.

The CG's for a suitable sample of the general population are to be one third of the CG's for individuals⁽⁷⁾.

OPERATIONAL PROCEDURES

The off-site environmental surveillance program consisted of three basic efforts:

- a. aerial plume tracking and sampling using an EMSL-LV fixed-wing aircraft,
- b. special intensive atmospheric moisture and compressed air sampling surveys during the calibration flaring operation and during selected periods of the other flaring operations, and
- c. routine sampling of air, water, milk, natural vegetation, soil, crops, precipitation, animal tissue, and human urine throughout the production flaring operation.

All samples, with the exception of some stream samples and the atmospheric moisture samples collected by dehumidifier units, were returned to the EMSL-LV for analysis. Those samples not sent to EMSL-LV were analyzed at a temporary field laboratory in Grand Junction, Colorado, during the calibration flaring runs. Routine samples were shipped to Las Vegas regularly by commercial air transportation. Aerial and special samples were returned to Las Vegas on EMSL-LV aircraft immediately after collection. Analytical data were transmitted to the ERDA to be included in the Project Rulison open files maintained in Las Vegas, Nevada; Denver, Colorado; and Bartlesville, Oklahoma.

Aerial plume tracking and sampling were conducted during the calibration flaring runs and during the periods of each of the other flaring runs when maximum exposures to the off-site areas were most likely. The tracking information was radioed to the ground control center and was used to position the ground monitors in the plume "ground track." Aerial plume sampling consisted of collecting grab samples and cryogenic samples.

EMSL-LV field personnel conducted special intensive atmospheric moisture and compressed air sampling operations on the ground at the same times that aerial plume tracking and sampling were conducted. As results were obtained, showing that the environmental levels of radiation were very low and that exposures to the residents were low, the number of monitors used each time was decreased. Some special atmospheric moisture samples and compressed air samples were also collected in the drainage winds throughout the flaring periods.

During each flaring operation, there was at least one monitor in the Project Rulison area at all times to operate the fixed atmospheric moisture sampling stations and collect any special samples required.

The routine water, milk, and other environmental samples were collected following each flaring operation and monthly during the long-term flaring operation. In addition, samples of water were collected periodically from Battlement Creek, both above and below the project site, and several samples of natural vegetation, soil, and food crops were collected during the months following the final flaring.

ENVIRONMENTAL SURVEILLANCE

Environmental surveillance activities were conducted prior to commencement of drill-back to document background levels of radioactivity in the off-site environment, and continued during cavity re-entry and flaring operations to detect any changes in environmental radioactivity. All environmental samples were returned to the EMSL-LV by parcel post, government conveyance, or air transport for analysis. Analytical procedures for each sample type are described in the appendices. The results of the background sampling are included in the EMSL-LV re-entry report⁽³⁾.

A. Aerial Plume Tracking and Sampling

An EMSL-LV aircraft was utilized for aerial plume tracking and sampling. Radioactivity levels in the plume from the flare stack were so low that conventional gamma and beta detectors could not be used to track the invisible plume. Therefore, a condensation nuclei monitoring instrument was used for plume tracking. This instrument, which measured the airborne concentration of condensation nuclei resulting from the burning of the natural gas, was mounted in the aircraft cabin immediately behind an air baffle at the discharge end of an air sampling probe mounted in the nose of the aircraft. The instrument output was fed to a strip-chart recorder in the co-pilot's instrument panel, providing the crew chief with continuous information on plume trajectory, size, and dispersion. This information was radioed to a ground control center so that ground monitoring personnel could be positioned to collect samples in the plume "ground track."

After the plume had been located, samples were collected from the sampling probes with a cryogenic sampler or a grab sampler. The cryogenic sampler collected an integrated sample of atmospheric moisture, carbon dioxide, and noble gases over a 30-minute sampling period while the aircraft traversed the plume. The sampler consists of a series of traps submerged in liquid nitrogen.

Grab samples were obtained by gathering air from the sampling probe in a 1-cubic-meter plastic bag over a 30-second period, and then pumping the air through a canister containing 1000 grams of Linde 13X molecular sieve to collect water vapor and carbon dioxide, and then into a compressed air bottle.

Both types of samplers collected water vapor, carbon dioxide, and noble gases, so the cryogenic sampler was eliminated after the grab sample was proved adequate.

B. Surface Air Sampling

The air sampling stations originally established for Phase II of Project Rulison were re-activated from October 1 through 8, 1970, for the calibration flaring operation. The locations of air sampling stations are shown in Figure 4 and the station numbers assigned to each were as follows:

Bond, Colorado	(459)	Gunnison, Colorado	(451)
Carbondale, Colorado	(462)	Leadville, Colorado	(460)
Collbran, Colorado	(454)	Mesa, Colorado	(450)
DeBeque, Colorado	(464)	Montrose, Colorado	(452)
Glenwood Springs, Colorado	(461)	Paonia, Colorado	(453)
Grand Valley, Colorado	(455)	Rifle, Colorado	(456)
Silt, Colorado	(458)	Rulison, Colorado	(457)
Don Jackett Ranch, Silt Mesa	(463)		

Each air sampler operated at a flow rate of 8 to 9 cubic feet per minute (cfm) and used a 4-inch-diameter glass fiber filter for collecting particulates. The glass fiber filters were changed daily and mailed to the EMSL-LV for analysis. The Rulison air sampling network was operated until October 8, 1970, at which time it was put on standby status for the remainder of the flaring operation.

Air Surveillance Network (ASN) stations from the 103-station EMSL-LV network in the western states are located at Durango and Denver, Colorado. In addition to these, standby ASN stations are located at Grand Junction and

Pueblo, Colorado. The regular ASN stations were in operation throughout the flaring operations. The standby stations were not in continuous operation during the flaring period.

In addition to the Project Rulison Air Sampling Network, seven sampling stations were placed at the locations shown in Figure 5 for the purpose of continuously collecting atmospheric moisture and carbon dioxide samples over 48-hour periods. The stations were equipped with molecular sieve samplers and dehumidifying units for removal of moisture from the air, particulate air samplers, precipitation collectors, and hygrothermographs for recording variations in temperature and humidity at each station. The location of the stations and the station numbers assigned to each are as follows:

- Bert Griffith Ranch, 6 miles E of Collbran, Colorado (466)
- Dan Duplice Ranch, Monument Gulch Area, near Grand Valley, Colo. (467)
- John C. Clem Ranch, Morrisania Mesa, near Grand Valley, Colo. (468)
- Dave Beasley Residence, Grand Valley, Colorado (469)
- Alex C. Urquhart Dairy, near Rifle, Colorado (470)
- Don Jackett Ranch, Silt Mesa Area, 10 miles S of Silt, Colo. (471)
- Russ Latham Ranch, 3 miles S of DeBeque, Colorado (472)

All seven sampling stations were operated for the first part of each flaring operation. The more distant stations were put on standby status during the latter part of the last two flaring operations, because no radioactivity significantly greater than background was detected at these stations.

At each station, air was drawn through a particulate filter and then through a canister containing 700 grams of molecular sieve which collected the water vapor and carbon dioxide. The flow rate through the molecular sieve was 3 liters per minute (lpm), controlled by a limiting orifice. The total volume of air sampled was calculated from the flow rate and the operating time.

Each station also contained an air sampler identical to those used at the air sampling network stations. In addition to the glass fiber filter, a charcoal cartridge was used to sample for certain gaseous radioactivity such as the isotopes of iodine and mercury.

During the calibration flaring operation, a dehumidifier unit was operated at each station to collect atmospheric moisture in addition to the molecular sieve sampling. The water from the dehumidifier units was analyzed for tritium with a special scintillation flow cell unit located at the Grand Junction field laboratory. A portion of each sample collected from Battlement Creek during the calibration flaring was also analyzed using that unit. This provided a means of rapid analysis to obtain data for operational guidance. The scintillation unit used a spiral flow cell, filled with anthracene crystals, which was optically coupled to a photomultiplier tube with output to a scaler-timer. The void volume in the cell was about 0.8 ml. The water to be analyzed was forced into the cell replacing the water from the previous analysis. Due to high background at the Grand Junction laboratory, the minimum detectable concentration of tritium was found to be 600 pCi/ml of water. This concentration is less than the CG's for water, and also for air assuming 5 ml of water per cubic meter of air. Therefore, this unit would give an early warning if the CG's were being approached in the off-site area. Since this unit did not have a known flow rate, the concentration of tritium could not be calculated for a given volume of air.

Recording hygrothermographs were placed in standard meteorological instrument shelters about 10 feet from each sampling station to record temperature and relative humidity. From this information the absolute humidity was calculated and used with the analytical data for the atmospheric moisture to calculate the tritium concentration in terms of volume of air.

To supplement the fixed air sampling stations, monitoring personnel were equipped with portable battery-powered air samplers. These samplers had a flow rate of about 1-3/4 cfm and were equipped with a dry gas meter to record the total volume of air sampled. The air was drawn through a glass fiber filter and then through a canister containing 300 grams of molecular sieve for the collection of atmospheric moisture and carbon dioxide. The total water collected from the molecular sieve and the total volume of air sampled were used to calculate the concentration of tritium per cubic meter of air.

Portable battery-powered compressors were used to collect compressed air samples for noble gas analysis. A truck-mounted cryogenic sampler was used during the calibration flaring to collect atmospheric moisture, carbon dioxide and noble gases. This system was replaced with the portable atmospheric moisture and compressed air samplers during later flaring runs.

C. Natural Gas Sampling

Natural gas samples were collected during each flaring operation. For both the calibration flaring operation and the high-rate production flaring operation, the samples were collected from the low pressure side of the separator using evacuated high pressure bottles. A membrane particulate filter was placed at the inlet to these bottles to separate particulate activity from the gaseous activity. For the intermediate-rate production flaring, a flow-through type pressure bottle was used to collect gas samples directly, without filtration, from the wellhead to get a sample more representative of the activity actually leaving the stack, since the water and heavier hydrocarbons were eventually injected into the flare and were released to the environment. For the long-term production flaring, both types of gas samples were collected. The wellhead sample was collected to document the concentrations of nuclides that actually left the flaring stack. The separator sample was collected for comparison to the results of an on-line gas burner which sampled gas from the low pressure side of the separator. This on-line burner was used only during the long-term production flaring operation.

D. Precipitation Sampling

Using funnels having a collection area of 86.5 square inches, precipitation samples were collected at the seven fixed atmospheric moisture sampling stations. Samples were collected over 24-hour periods during times of precipitation. Samples of snow were collected at other locations in the vicinity of the test well to supplement data obtained from the fixed locations. These precipitation sampling locations are shown in Figure 5.

E. Native Vegetation, Cow Feed, Food Crop and Soil Sampling

Following the calibration flaring operation, cow feed was collected from the ranches and dairies where milk samples were collected. Garden vegetables were collected from selected locations around the test well following the calibration flaring operation, and also following the total flaring operation in July 1971. Orchard samples, including apples, plums, pears, peaches and apricots, were collected during August 1971. Native vegetation and soil samples were collected from selected locations around the test well following each flaring operation. An additional set of soil and vegetation samples was collected a month after all the flaring operations were completed. Some pasture grass and native grass samples were also collected. Other native vegetation samples included sagebrush. The locations of the garden vegetable, native vegetation, and soil sampling stations are shown in Figure 8.

F. Water Sampling

The entire EMSL-LV Water Surveillance Network was sampled following the calibration flaring operation. This network consisted of:

- Fifteen municipal water supplies (Figure 7).
- Five private wells in the area surrounding the test well and a special sampling well near Battlement Creek (Figure 6).
- Three springs in the area immediately surrounding the test well (Figure 6).
- Four reservoirs (Figure 7).
- Ten streams and rivers (two sampling locations on Battlement Creek) (Figure 6).
- Six cisterns filled from precipitation or streams (Figure 6).

A reduced water network was sampled following the high-rate, intermediate-rate and long-term flaring operations. This reduced network was also sampled monthly during the long-term flaring operation. The reduced network consisted of:

- Four municipal water supplies from towns close to the test well.
- Five private wells in the area surrounding the test well.
- Four springs in the area immediately surrounding the test well.
- Eight streams and rivers.

In addition to the routine sampling, daily samples were collected from Battlement Creek below the project site during the calibration, high-rate, and intermediate-rate flaring operations and during the first part of the long-term flaring. From March 27 to the end of the long-term flaring, the Battlement Creek below the project site was sampled three times a week. During May and June 1971, weekly samples were collected from Battlement Creek below the project site and a spring in the Battlement Creek Valley, about one-half mile down-slope from the test well. During July and August 1971, these samples were collected every other week. Samples were also collected from Battlement Creek both above and below the project site in October 1971 and January and April 1972.

G. Milk Sampling

Milk samples were collected routinely from the EMSL-LV Rulison Milk Surveillance Network. Following the calibration flaring, milk samples were collected from four Grade A dairies and eleven family milk cow locations. For the other flaring operations the network was reduced to two Grade A dairies and seven family milk cow locations. The locations of the dairies are shown in Figure 7, and the family milk cow locations are shown in Figure 6. Milk samples were collected following the high-rate and intermediate-rate flaring operations and monthly during and once following the long-term flaring operation.

H. Domestic Animal and Wildlife Sampling

Tissue samples were collected in the Rulison area from road-killed deer, hunter-killed elk, and domestic livestock. The Colorado Fish, Game, and Parks Department assisted in the collection of tissue from wildlife, while local slaughter house operators assisted in the collection of tissue from domestic animals raised in the Rulison area. Blood samples were collected from domestic animals at ranches close to the test well, when other tissue was not available from a particular area or at a particular time. Tissue samples were also collected from two porcupines which had grazed directly under the flare stack for several days during the long-term flaring operation.

I. Urine Sampling

Urine samples were collected from 20 residents of the area surrounding the test well. Samples were collected following the calibration, high-rate, and intermediate-rate flaring operations and monthly during the long-term flaring operation. Urine samples were also collected from the EMSL-LV monitors that were located in the plume "ground track" during calibration flaring.

J. Dosimetry

Thermoluminescent dosimeters were placed at off-site stations around the test well to measure levels of external gamma radiation. Each station was equipped with three EG&G TL-12 thermoluminescent $\text{CaF}_2:\text{Mn}$ dosimeters with a sensitivity range from 5 mR to 5000 R for gamma radiation. These dosimeters were exchanged and read at monthly intervals during the flaring operations. During the calibration flaring operation there were 24 dosimetry stations surrounding the test well. During the high-rate production flaring this was reduced to 17 stations because early snows made some of the stations inaccessible. During the intermediate-rate and long-term production flarings only four close-in dosimetry stations were used in the drainage wind trajectory. The locations of the dosimetry stations are shown in Figures 4 and 5.

RESULTS

All environmental samples collected prior to August 1970 were considered to be background, since the first significant gas release was on August 1, 1970, when a short-term flaring was made before the well was plugged. The results for the samples collected for background determination are tabulated in the report covering the re-entry phase ⁽³⁾. The analytical results for all samples collected during the flaring operations are included in the appendices of this report. All average concentrations given in this report were calculated using the MDA (minimum detectable activity) value for samples that had concentrations less than the MDA. All limits are based on two standard deviations from the mean. The dates of the flaring periods are summarized below:

<u>Flaring Period</u>	<u>Date Start</u>	<u>Date Shut-down</u>
Calibration Flaring	10/04/70	10/07/70
High-rate Flaring	10/27/70	11/03/70
Intermediate-rate Flaring	12/01/70	12/20/70
Long-term Low-rate Flaring	2/02/71	4/23/71

A. Aerial Plume Tracking and Sampling

Aerial monitoring and plume tracking were performed in connection with special ground sampling carried out in addition to the routine, continuous sampling during the critical phase of each flaring period. The results from each flaring period are given below:

Calibration Flaring

Aerial plume tracking and sampling were performed for the short flaring periods that were conducted during the calibration flaring. On the morning of October 4, 1970, there was a light drainage wind down Battlement Creek Valley. From 500 feet above the surface to 11,000 feet above MSL (Mean Sea Level) the winds were from the southwest; the winds above 11,000 feet MSL were from the north. The natural gas from the well was flared at approximately 2 MMSCFD for about 2 hours. An air crew in an EMSL-LV aircraft detected the plume (i.e., condensation nuclei) over the Morrisania

Mesa area at 6,500 feet MSL at 0900 MDT. A grab sample was collected over the Morrisania Mesa area and another was collected over the Colorado River east of Grand Valley. The analytical results of these samples are listed in Table 1. The background concentrations of tritium in air collected during the re-entry period were reported in an earlier report(3) and averaged $1,100 \pm 980$ pCi/l of water or 2.8 ± 5.1 pCi/m³ of air. The background tritium levels vary somewhat throughout the year and increase significantly during the spring. This increase also causes the levels in soil and vegetation to increase. The value for tritium in pCi/m³ is dependent on humidity and varies seasonally. The background concentrations of krypton-85 in air averaged 12 ± 2 pCi/m³ of air. Therefore, both grab samples collected on October 4 contained background levels of both tritium and krypton-85. Plume material (i.e., condensation nuclei) was also detected at an altitude of 10,000 feet MSL just north of Doghead Mountain. This portion of the plume was being carried to the northeast by the winds blowing across the top of the mesa.

On the morning of October 5, there was a drainage wind down the Battlement Creek Valley and the upper level winds were from the northwest. The gas flow rate was 10 MMSCFD. The air crew flew a tracking and sampling mission in the early morning before the drainage winds dissipated. They detected a portion of the plume material being carried down the Battlement Creek Valley by the drainage winds, and the remainder being carried northeast over Doghead Mountain and then easterly passing 4 or 5 miles south of Silt, Colorado. Five grab samples were collected during the morning tracking mission. The analytical results of these samples are shown in Table 1. The krypton-85 fraction was lost during analysis for two samples, but the other three samples contained levels of krypton-85 up to twelve times greater than background levels. The samples collected over Doghead Mountain and south of Silt contained levels of tritium up to five times greater than background.

During the afternoon of October 5, the flow rate was increased to 15 MMSCFD and the up-slope winds were sampled. The upper level winds were from the west. The air crew tracked the plume to the northeast

over Doghead Mountain and then east passing south of Silt. Three grab samples were collected during the afternoon tracking mission. As shown in Table 1, all three of these samples contained levels of both tritium and krypton-85 that were up to seven times greater than background levels.

High-Rate Flaring

Special sampling was planned for the high-rate flaring period, October 27 and 28, because sampling had not been conducted with flow rates greater than 15 MMSCFD. On the morning of October 27, the very light drainage winds dissipated before tracking and sampling could be performed. Aerial tracking and sampling were conducted during the afternoon of October 27. At noon the winds were from the north, but during the afternoon they turned counter-clockwise until they were from the west southwest by 1400 MST. After the winds had stabilized, the air crew tracked the plume over Doghead Mountain and east between Silt and the Silt Cut-off Summit. The air crew collected two grab samples in the plume. The analytical results for these samples are shown in Table 1. Due to very low humidity there was insufficient moisture in the samples for tritium analysis. The krypton-85 levels in both samples were up to twelve times greater than background levels.

On the morning of October 28, the air crew tracked the cloud to the southeast over Battlement Mesa. They collected a cryogenic sample in the plume. As shown in Table 2, the tritium level in this sample was 26 times greater than background, but the krypton-85 level was at background.

Intermediate-Rate Flaring

The special sampling for the intermediate-rate flaring was carried out from December 6 to 8, 1970. This was not done earlier in the flaring period because unfavorable weather conditions prohibited use of the aircraft. On the morning of December 6, there were drainage winds down Battlement Creek Valley. The EMSL-LV air

crew first tracked the upper portion of the plume to the northeast over Doghead Mountain and located the plume top at 10,000 feet MSL. They next tracked the lower portion of the plume down the Battlement Creek Valley. At the old control point pad, this portion of the plume encountered the Colorado River drainage winds and traveled west over the south edge of the Morrisania Mesa and Monument Gulch areas. The air crew collected a grab sample in the plume over the Monument Gulch area, and one at 4 miles northeast of the test well. As shown in Table 1, both samples contained levels of both tritium and krypton-85 that were up to ten times greater than background. The air crew also collected a cryogenic sample over the Monument Gulch area. The analytical results for this sample are shown in Table 2. The krypton-85 portion of the sample was lost in analysis, but the tritium level was at background.

On the morning of December 7, the air crew again tracked a portion of the plume to the northeast over Doghead Mountain and located the plume top at 10,000 feet MSL. While attempting to track the low level drainage portion of the plume, they detected a low level indication of the plume over the old control point pad, but could not detect any significant indication of it over the Morrisania Mesa, Monument Gulch, or High Mesa areas. No samples were collected in the plume.

In the afternoon the plume transported by the up-slope winds was tracked to the northeast over Doghead Mountain and just to the east of Rifle. The air crew collected a cryogenic sample in the plume 3 miles northeast of the flare stack. The krypton-85 portion of the sample was lost during analysis but, as shown in Table 2, the tritium level was 20 times greater than background levels.

On the morning of December 8, the plume transported by up-slope winds was again tracked to the northeast over Doghead Mountain and just east of Rifle. Two grab samples were collected in the plume. As shown in Table 1, both the tritium and krypton-85 levels were up to seven times

greater than background levels for the sample collected 2 miles from the flare stack, and both were at background levels for the sample collected over Rifle.

Long-Term, Low-Rate Flaring

The special sampling for the long-term flaring operation was conducted on March 19, 1971. This was conducted late in the flaring period to document the radiological parameters for low flow rates, since the higher flow rates had been documented in earlier flaring operations. On the morning of March 19, the drainage winds were down Battlement Creek Valley. The air crew first tracked a portion of the plume to the northeast over Doghead Mountain. The remainder of the plume was tracked down Battlement Creek Valley and out over the Morrisania Mesa and Monument Gulch areas. Three grab samples were collected in the plume. The analytical results of these samples are shown in Table 1. Due to low absolute humidity, there was insufficient moisture collected in these samples for tritium analyses. The sample collected 1 mile northeast of the test well contained a krypton-85 level slightly higher than background, and the samples collected over the Battlement Cemetery contained background levels.

During the afternoon of March 19, the plume transported by the up-slope winds was tracked to the southeast between the Silt Cut-off Summit and the Vega Reservoir Turn-off. Two grab samples were collected 2.5 miles southeast of the test well. The analytical results of these samples are shown in Table 1. Due to low absolute humidity there was insufficient water collected for tritium analysis. The levels of krypton-85 in both samples were at background.

B. Special Atmospheric Moisture and Noble Gas Sampling

Special atmospheric moisture and noble gas samples were collected on the ground in connection with the special aerial sampling and tracking conducted during the critical phase of each flaring period. The specific activities

for each flaring period are given below:

Calibration Flaring

Special sampling was performed for the short flaring periods that were conducted during the calibration flaring operation. On the morning of October 4, 1970, the natural gas from the test well was flared at approximately 2 MMSCFD for about 2 hours. No special ground samples were collected for this flaring operation because the flaring was terminated before the desired flow rate of 5 MMSCFD was reached.

Flaring was started again at 2100 MDT on October 4 and the flow rate was gradually increased throughout the night to 10 MMSCFD by 0615 MDT on October 5. During the build-up period the drainage winds were down the Battlement Creek Valley. Eight atmospheric moisture samples were collected during the build-up period. As shown in Table 3, the tritium levels in all of these samples were at background.

From 0615 MDT to 1125 MDT on October 5 the flow rate was maintained at 10 MMSCFD. During the early part of this flaring operation the drainage winds were down Battlement Creek Valley and the upper level winds were from the northwest. Special ground atmospheric moisture samples were collected in Battlement Creek Valley in the area of the old control point pad, on top of Battlement Mesa, and along the Silt Cut-off Road. The analytical results of these samples are shown in Table 3. The samples collected on top of Battlement Mesa contained levels of tritium up to 55 times greater than background levels, but those collected in Battlement Creek Valley and on the Silt Cut-off Road contained tritium levels at background levels. In addition to the atmospheric moisture samples, a cryogenic air sample was collected at the old control point pad from 0920 to 1005 MDT. The analytical results showed that the krypton-85 concentration was 9.3 pCi/m³, which is background, and that the concentrations of tritium, xenon, and

carbon-14 were all less than their minimum detectable activities (MDA's). These results are shown in the appendices.

From 1435 to 1700 MDT on October 5 the natural gas from the test well was flared at 15 MMSCFD. The winds were from the west. Atmospheric moisture samples were collected on the ground on top of Battlement Mesa and in the Rifle area. As shown in Table 3, the samples collected on Battlement Mesa within 1 mile of the flare stack and the sample collected at Special Station B-III contained levels of tritium up to 40 times greater than background, while the other samples collected on Battlement Mesa and in the Rifle area contained tritium at background levels.

High-Rate Flaring

Special sampling was carried out at the beginning of the high-rate flaring period, while the flow rates were highest. At noon on October 27, 1970, the winds were from the north, but during the afternoon they turned counterclockwise until they were from the west southwest at about 1400 MST. After the wind direction had stabilized, four atmospheric moisture samples were collected in the plume "ground track" on the Silt Cut-off Road. As shown in Table 4, the samples collected at Special Stations D-31 and D-33 contained levels of tritium up to eight times greater than background. A compressed air sample was also collected at Special Station D-29. As shown in Table 5, the tritium level was five times greater than background, but the krypton-85 level was at background.

On the morning of October 28, the drainage winds were down the Battlement Creek Valley. Two atmospheric moisture samples were collected in the Valley. As shown in Table 4, both samples contained levels of tritium up to 17 times greater than background. A compressed air sample was also collected at the old control point pad. The analytical results are shown in Table 5. Due to low absolute humidity, there was insufficient moisture collected for tritium analysis. The krypton-85 level was four times greater than background levels.

Intermediate-Rate Flaring

A few atmospheric moisture samples were collected in the drainage winds at various times throughout the intermediate rate flaring operation. The analytical results of these samples are listed in Table 6. One sample collected on December 5 contained ten times background and one contained three times background. The sample collected at the old control point pad on December 12 contained levels of tritium about four times greater than background. In addition to the atmospheric moisture samples, compressed air samples were collected on two different days. The analytical results are shown in Table 7. Due to low absolute humidity, the sample collected on December 1 contained insufficient moisture for tritium analysis; the krypton-85 level was at background. For the sample collected on December 3, both the krypton-85 and tritium levels were about twice background.

Additional special sampling for the intermediate-rate flaring was carried out from December 6 to 8, 1970, in conjunction with aerial sampling. This was not done earlier in the flaring period because unfavorable weather conditions prohibited use of the aircraft to determine the ground track of the plume. On the morning of December 6, the drainage wind was down the Battlement Creek Valley. Eight atmospheric moisture samples were collected on the ground in the drainage plume trajectory. As shown in Table 6, the sample collected at the old control point pad and Special Stations D-3 and D-5 contained tritium levels up to 17 times greater than background. In addition, a compressed air sample was collected at the Special Station D-1. As shown in Table 7, this sample contained levels of both krypton-85 and tritium about twice background.

On the morning of December 7, a light drainage wind carried a portion of the plume down the Battlement Creek Valley. Three atmospheric moisture samples were collected in the drainage plume. As shown in Table 6, all three samples contained tritium levels up to seven times greater than background.

On the afternoon of December 7, the up-slope winds were from the southwest. Three atmospheric moisture samples were collected in the plume trajectory in the Rifle area. As shown in Table 6, all three samples contained tritium at background levels. A compressed air sample was collected 3 miles south of the Rifle Airport. As shown in Table 7, the tritium level was twice background, but the krypton-85 level was at background.

On the morning of December 8, the up-slope winds were from the southwest. An atmospheric moisture sample was collected east of Rifle. As shown in Table 6, the tritium level in this sample was at background. A compressed air sample was collected at the Rifle Airport. As shown in Table 7, the krypton-85 was lost in analysis, and the tritium level was about twice background.

Long-Term, Low-Rate Flaring

Prior to the special sampling conducted in conjunction with aerial sampling, several special atmospheric moisture samples were collected in the drainage wind plume "ground track" during the flaring operation. As shown in Table 8, samples collected on February 8 and 27 and the sample collected at the old control point pad on February 12 contained tritium levels as high as 30 times background. Compressed air samples were also collected in the drainage plume at the old control point pad. The analytical results are shown in Table 9. Due to low absolute humidity, there was insufficient moisture collected for tritium analysis. The samples collected on February 8 and 12 contained levels of krypton-85 about twice background, and those collected on February 10 and 27 were slightly above background.

The special sampling for the long-term flaring period was carried out on March 19, 1971. This was conducted late in the flaring period to document the radiological parameters for low flow rates. On the morning of March 19, the drainage winds were down the Battlement Creek Valley. Seven atmospheric moisture samples were collected in the drainage plume trajectory. As shown in Table 8, the sample collected at the old control point pad was eleven times background;

the sample from the Ronald Reese residence was three times background and the sample from Special Station D-5 was twice background. A compressed air sample was collected at the Ronald Reese residence. As shown in Table 9, this sample contained tritium about four times background and krypton-85 at levels slightly greater than background.

During the afternoon of March 19, the up-slope winds were from the northwest. Five atmospheric moisture samples were collected in the plume "ground track" along the Silt Cut-off Road. As shown in Table 8, the tritium levels in the samples collected at Special Stations D-35, D-37 and D-39 were about twice background.

C. Fixed Station Atmospheric Moisture Sampling

Seven fixed atmospheric moisture sampling stations were operated throughout the calibration and high-rate flaring operations and during the first part of the intermediate-rate and long-term flaring operations. During the intermediate-rate flaring, the station at the Jackett Ranch was shut down on December 10 and the station at the Griffith Ranch was shut down on December 11. The remaining five stations operated until the end of the long-term flaring. During the long-term flaring, the stations at the Jackett Ranch and the Griffith Ranch were shut down on March 23 and the station at the Latham Ranch was shut down on March 27. The remaining four stations operated until the end of flaring. The samples were collected over 2-day periods. The analytical results of these samples are shown in the appendices. A total of 356 atmospheric moisture samples were collected at the fixed stations during the four flaring periods. Of these, 38 samples contained levels of tritium that exceeded the upper level of background for atmospheric moisture (2,100 pCi/l of water). The results of those samples with tritium levels greater than background are shown in Table 10. For all molecular sieve samples analyzed for carbon-14, the levels of carbon-14 were less than the minimum detectable activity.

D. Surface Air Sampling for Particulates and Halogens

The entire Rulison Air Surveillance Network was operated during the calibration flaring period. In addition, air samplers were operated at six of

the seven fixed atmospheric moisture sampling stations during calibration flaring. No air samplers were operated during the high-rate flaring operation. During the intermediate-rate flaring operation the air sampler at the fixed atmospheric moisture sampling station at the Clem Ranch was operated. Both a prefilter and charcoal cartridge were used. During this flaring period, it was found that small amounts of mercury-203 were being released from the flare stack. Therefore, from December 17 to 19 a special type of charcoal cartridge was used at the Clem Ranch for the collection of mercury. During the long-term flaring the air sampler was again run at the station on the Clem Ranch using a prefilter and a charcoal cartridge for the collection of mercury. The analytical results of the air samples are shown in the appendices.

The pre-flaring background levels of gross beta at the time of counting on the prefilters averaged 0.65 pCi/m^3 with an error of 2 standard deviations of 0.80 pCi/m^3 . Values as high as 3.3 pCi/m^3 were observed. The gross beta on the prefilters collected during flaring operations ranged from less than 0.1 to 1.7 pCi/m^3 . All prefilters that contained beta activity that exceeded 1,000 counts for a 2-minute counting period were gamma-scanned. The only radionuclides detected from the gamma scans were zirconium-95, ruthenium-106, and cerium-144. The high gross beta concentrations were the result of these isotopes. These isotopes were detected throughout the United States and were associated with world-wide fallout rather than Project Rulison flaring operations. All charcoal cartridges were gamma-scanned and no radioactivity was detected. In addition to the routine counting, the prefilters and charcoal cartridges collected from November 30 to December 12 were composited and gamma-scanned. The gamma scans of both the composite of the prefilters and the composite of the cartridges detected no radionuclides due to Rulison.

E. Natural Gas Sampling

During each flaring operation, samples of the natural gas from the test well were collected to document the concentrations of radionuclides in the gas. The analytical results of the gas samples and the filters used with some of the early samples are shown in the appendices. The concentrations of tritium

and krypton-85 in the gas samples are summarized in Table 11. The filters used with the sampling bottles for calibration and high-rate flarings were gamma-scanned. The gamma scans showed that there was mercury-203 present in the gas but the collection efficiency of the filters was not known so the concentration of mercury-203 in gas was not determined. A set of filters and charcoal cartridges was collected on-line on February 3, 1971, and analyzed. The first charcoal cartridge contained mercury-203 but the back up charcoal cartridge and the filters did not.

During the long-term flaring period, an experiment was set up to sample the tritium in the gas by burning the gas and condensing and collecting the resulting water vapor for tritium analysis. The analytical results of these condensate samples are shown in the appendices. The yield of water from the combustion of the gas can be calculated from a chemical analysis of the gas. If the yield of water is known the tritium concentration in terms of volume of gas can be calculated.

F. Precipitation Sampling

Precipitation samples were collected before any release of gas occurred to determine the background levels of tritium. These background levels of tritium averaged $1,100 \pm 1,300$ pCi/l of water. During the flaring program, 312 samples of precipitation were collected, and the analytical results are shown in the appendices. Of the 312 samples collected, 39 samples of precipitation contained levels of tritium greater than background levels. The results of these positive samples are shown in Table 12. All of these positive samples were collected within 2 miles of the test well except for the sample collected at the Duplice Ranch, 4.7 miles northwest of the test well, on April 26, 1971, which was only slightly above background levels.

G. Native Vegetation Sampling

Native vegetation samples were collected before any release of gas to document the background levels of tritium in vegetation. These background levels averaged $1,100 \pm 1,000$ pCi/l of water. This corresponds to an

average of 580 ± 400 pCi/kg of wet vegetation. During the flaring program, 85 samples of native vegetation were collected and the analytical results for these samples are shown in the appendices. Of the 85 samples collected, 15 samples contained levels of tritium greater than background. The results of these positive samples are shown in Table 13.

H. Soil Sampling

Soil samples were collected prior to any release of gas to document background levels of tritium. For surface soil samples, these background levels averaged 980 ± 510 pCi/l of water, or 220 ± 170 pCi/kg of wet soil. For soil samples collected at a depth of 6 inches the background levels averaged 710 ± 390 pCi/l of water, or 160 ± 210 pCi/kg of wet soil. During the flaring program, 62 samples of soil were collected from the surface and 8 from a depth of 6 inches. The analytical results for these samples are shown in the appendices. Of these samples, 26 surface samples and 7 from 6 inches contained levels of tritium greater than background. The results of these positive samples are shown in Table 14.

I. Water Sampling

Water samples were collected prior to any release of gas, to document the background levels of tritium in the water supplies. The three general types of water samples were collected from surface, spring and well supplies. Surface water supplies from reservoirs, creeks and streams were collected and the background levels of tritium in these samples averaged 910 ± 570 pCi/l. The background levels of tritium in well water samples averaged 640 ± 450 pCi/l. The background levels of tritium in spring water samples averaged 770 ± 770 pCi/l. The analytical results of the samples collected during flaring are shown in the appendices. During and following the flaring program, 154 water samples were collected from Battlement Creek, both above and below the project site. The tritium levels in these samples ranged from less than 400 to 1,600 pCi/l. Only one sample had a tritium value of 1,600 pCi/l which is only slightly greater than background. This is probably just outside the

95% confidence level and is not a true high level. Eighty-two water samples were collected from other surface supplies. The levels of tritium in these samples ranged from less than 400 to 1,400 pCi/l, which is background. Twenty-six water samples were collected from wells and the levels in these samples ranged from less than 400 to 1,000 pCi/l, which is background. Forty-four water samples were collected from springs and the levels of tritium in these samples ranged from less than 400 to 1,400, which is background.

J. Milk Sampling

Milk samples were collected prior to any release of gas to document the background levels of tritium. The background levels of tritium in milk averaged 980 ± 740 pCi/l. During the flaring program, 53 milk samples were collected. The analytical results are shown in the appendices. The levels of tritium detected during flaring ranged from less than 400 to 1,600 pCi/l, which is background.

K. Food Crop Sampling

Samples of food crops were collected prior to any gas release to document the background levels of tritium in these crops. These background levels averaged $1,300 \pm 1,100$ pCi/l of water. This corresponds to an average of $1,100 \pm 800$ pCi/kg of wet food. Following the calibration flaring, 24 samples of food crops were collected and the analytical results of these samples are shown in the appendices. The tritium levels in these samples ranged from less than 400 to 1,100 pCi/l of water which is background. Seven samples of garden crops were collected after the flaring was completed. The tritium concentration in these samples ranged from 270 to 990 pCi/l of water, which is background. On August 30, 1971, samples of orchard crops were collected. The tritium concentration in these samples ranged from 610 to 1,200 pCi/l of water, which is background.

L. Cow Feed and Pasture Samples

Samples of cow feed and pasture grass were collected prior to any release of gas to document the background levels of tritium. The background levels of tritium averaged $1,500 \pm 1,500$ pCi/l of water. This corresponds to an average of $530 \pm 1,200$ pCi/kg of wet feed. During the flaring operation, 22 samples of cow feed and pasture grass were collected. The analytical results are shown in the appendices. The levels of tritium in these samples ranged from less than 400 to 1,900 pCi/l of water, which is background.

M. Domestic Animal and Wildlife Sampling

Samples of domestic animal and wildlife tissue were collected prior to any release of gas to document background tritium levels. The background levels of tritium in animal tissue averaged $1,000 \pm 570$ pCi/l of water. This corresponds to an average of 720 ± 360 pCi/kg of wet tissue. During the flaring operation, 20 samples of animal tissue and blood were collected in the off-site area. The analytical results of these samples are shown in the appendices. The tritium levels in these samples ranged from less than 400 to 1,200 pCi/l of water, which is background. In addition to the samples collected off-site, six tissue samples were collected from two porcupines killed on-site. These porcupines had grazed directly under the flare for several days before they were killed. One of these porcupines contained tritium levels ranging from 160,000 to 180,000 pCi/l of water and the other contained levels from 34,000 to 38,000 pCi/l.

N. Urine Sampling

Samples of urine were collected from residents in the Project Rulison area prior to flaring operations to document the background levels of tritium in urine. During the background and subsequent sampling it was found that five of the residents had unusually high levels of tritium in their urine when there was no apparent exposure to tritium other than environmental levels. Urine samples were also collected from EMSL-LV personnel and some of

these persons also had high levels of tritium in their urine with no known exposure to elevated levels of tritium.

It was theorized that these people with high tritium levels may have been wearing wrist watches with tritium-activated luminescent dials. The watches were borrowed from the individuals and analyzed for tritium leakage from the case. The watches were indeed found to be releasing tritium. While the watches were being analyzed the residents contributed urine samples and the tritium levels decreased to background levels. When they started wearing the watches again the levels of tritium in their urine returned to the original levels. The details of this study are reported separately⁽⁵⁾.

Because of the elevated levels of tritium in their urine, the data from the residents with I.D. numbers 5, 7, 9, 11, and 15 were not used to determine if residents received a tritium exposure from Project Rulison flaring. The background levels of tritium in the urine from the other residents averaged 800 ± 460 pCi/l. During the flaring operation, 103 urine samples were obtained from the 15 residents not wearing tritium dial watches. The analytical results are listed in the appendices. The tritium levels in these samples ranged from less than 400 to 1,900 pCi/l.

A few urine samples contained tritium levels above 1,300 pCi/l, which was the apparent upper limit of background. However, this background range was based on a very small number of samples so a meaningful assessment can not be made.

Urine samples were also collected from several of the EMSL-LV personnel that were exposed to the plume during calibration flaring. There was no significant increase in tritium levels in the urine samples from these persons after exposure to the plume.

0. Dosimetry

Thermoluminescent dosimeters (TLD's) were exposed in the area around the test well prior to any gas release to determine the background levels of gamma radiation. The background exposure rate in the area averaged 0.38 ± 0.28 mR/day. The gamma exposures during the flaring program ranged from 0.16 to 0.63 mR/day, which is background. The actual exposure rates received at each station are shown in the appendices.

DISCUSSION

Aerial plume tracking and sampling documented two main types of plume trajectories. The up-slope winds usually carried the plume from the flare stack to the east over Doghead Mountain and then to the northeast, east, or southeast. Other wind directions for the up-slope winds were rare. Under stable conditions the plume stayed at high levels, and other times vertical mixing under unstable conditions carried plume material to the ground several miles downwind from the flare stack. During the drainage wind conditions, the plume from the flare stack split. Part of the plume rose through the thermal inversion and was carried over Doghead Mountain and easterly the same as during the up-slope condition. The other part of the plume was carried down the Battlement Creek Valley in the drainage wind. When this part of the plume reached the end of Battlement Creek Valley, it was picked up by the Colorado River Valley drainage wind over the Morrisania Mesa area and was carried to the southwest down the Colorado River Valley.

Based on aerial tracking information, numerous atmospheric moisture and compressed air samples were collected at ground level in the plume "ground track." Atmospheric moisture samples were also collected at the fixed sampling stations located at populated locations. The highest level of krypton-85 detected on the ground in the off-site area was 47 pCi/m³ which is less than 0.1 percent of the off-site Concentration Guide (CG). The highest level of krypton-85 detected at a populated location was 27 pCi/m³. The highest level of tritium in atmospheric moisture detected off-site was 59,000 pCi/l of water or 290 pCi/m³ of air, which is less than one percent of the CG. The highest tritium concentration detected in atmospheric moisture at a populated location was 11,000 pCi/l of water or 21 pCi/m³ of air which was less than 0.1 percent of the CG. No levels of carbon-14 greater than the minimum detectable activity were detected.

Tritium concentrations greater than background were also detected in samples of precipitation, natural vegetation, and soil. The highest level of tritium detected in precipitation was 47,000 pCi/l of water, which is less than five percent of the CG for tritium in water. The highest level in a precipitation sample from a populated location was 2,500 pCi/l of water which is only slightly above background. The highest level of tritium detected in the moisture from a vegetation sample collected off-site was 21,000 pCi/l of water. The highest level in a sample collected at a populated location was 3,000 pCi/l of water. The highest level in moisture from soil was 6,700 pCi/l of water and the highest level from a sample collected at a populated location was 2,800 pCi/l of water.

Elevated levels of tritium were detected in the tissue of two porcupines that had grazed directly under the flare for several days before they were collected. The highest level of tritium in the moisture from these tissue samples was 180,000 pCi/l of water. No tissue samples from animals collected off-site contained levels of tritium greater than background.

All samples of milk, water, food crops, cow feed, and urine collected during and following the flaring operation contained background levels of tritium.

No radionuclides, other than tritium and krypton-85, that could be attributed to the flaring of Project Rulison gas were detected in the off-site area during and following the flaring operation. This includes carbon-14 and mercury -203 which were detected in the gas at low levels, but not in the environment.

The thermoluminescent dosimeters (TLD's) placed around the site showed no gamma radiation levels greater than background during the flaring operation.

The results of the environmental surveillance during the flaring operations in the Project Rulison area showed that there were short-term, low-level increases of tritium and krypton-85 in the environment around the site. There were no levels of radioactivity greater than five percent of the CG's detected in the off-site area and no levels greater than one percent of the

CG's in populated areas. There was no evidence of any build-up of radioactivity in the environment during the flaring period. The slight increase in the tritium levels in the soil samples collected in the spring of 1971 were probably caused by the increase of tritium in the atmosphere which is normal in the spring.

Elevated levels of tritium and krypton-85 in the atmosphere were found to be the most likely source of exposure to the population, since no increase of activity was found in water or the food chain. The analytical results for tritium in atmospheric moisture were used to estimate a possible dose from the flaring operation. The highest tritium levels in atmospheric moisture at a populated location were found at the Clem Ranch which is at the mouth of Battlement Creek Valley about 3 miles northwest of the flare stack. The net average concentrations for each sampling period were integrated over that sampling period. These integrated concentrations were summed for all sampling periods, and then converted to dose using the conversion parameters presented in ICRP-10⁽⁶⁾. These estimates showed that the maximum inhalation and skin adsorption exposure to a resident in the Project Rulison area from tritium released during the flaring program was less than 0.001 mrem. Based on the ratio of the concentration of krypton-85 and tritium in the gas, and observed concentrations of tritium in the environment, the total body dose from krypton-85 was much less than 0.001 mrem. The dose to the basal layer of the skin from krypton-85 was also less than 0.001 mrem.

SUMMARY

A comprehensive environmental surveillance program conducted by the Environmental Monitoring and Support Laboratory-Las Vegas showed no significant increases in environmental radioactivity as a result of the production flaring operations at Project Rulison. The flaring produced short-term tritium concentrations of one or two orders of magnitude greater than background levels in atmospheric moisture, precipitation, vegetation, and soil samples collected in the off-site area. Tissue from two porcupines that grazed under the flare stack contained levels of tritium greater than background, but all animal tissue samples collected off-site contained background levels of tritium. All samples of milk, water, food crops, and cow feed collected in the off-site area during the flaring operation contained background levels of tritium. Levels of krypton-85 that were one or two orders of magnitude greater than background were detected in the air in the off-site area. Dose estimates indicate that the maximum inhalation and skin adsorption exposure to a resident in the Project Rulison area from tritium released during the flaring program was less than 0.001 mrem, which is less than $6 \times 10^{-4}\%$ of the allowable dose for the general population. Based on the ratio of concentrations of tritium and krypton-85 in the gas and the observed concentrations of tritium in the environment, the total body dose from krypton-85 was much less than 0.001 mrem. The dose to the basal layer of the skin from krypton-85 was also less than 0.001 mrem.

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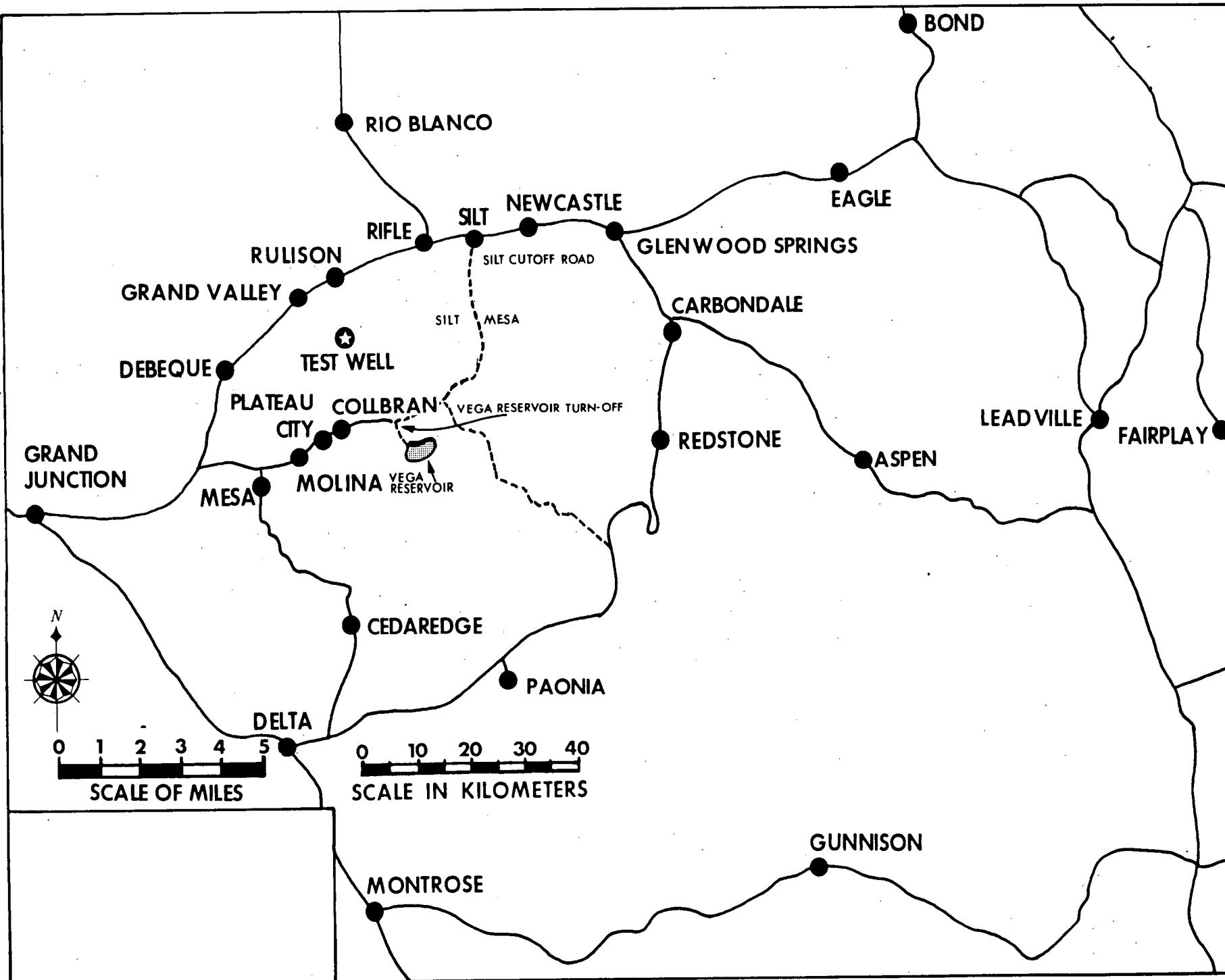


Figure 1. Rulison Location Map.

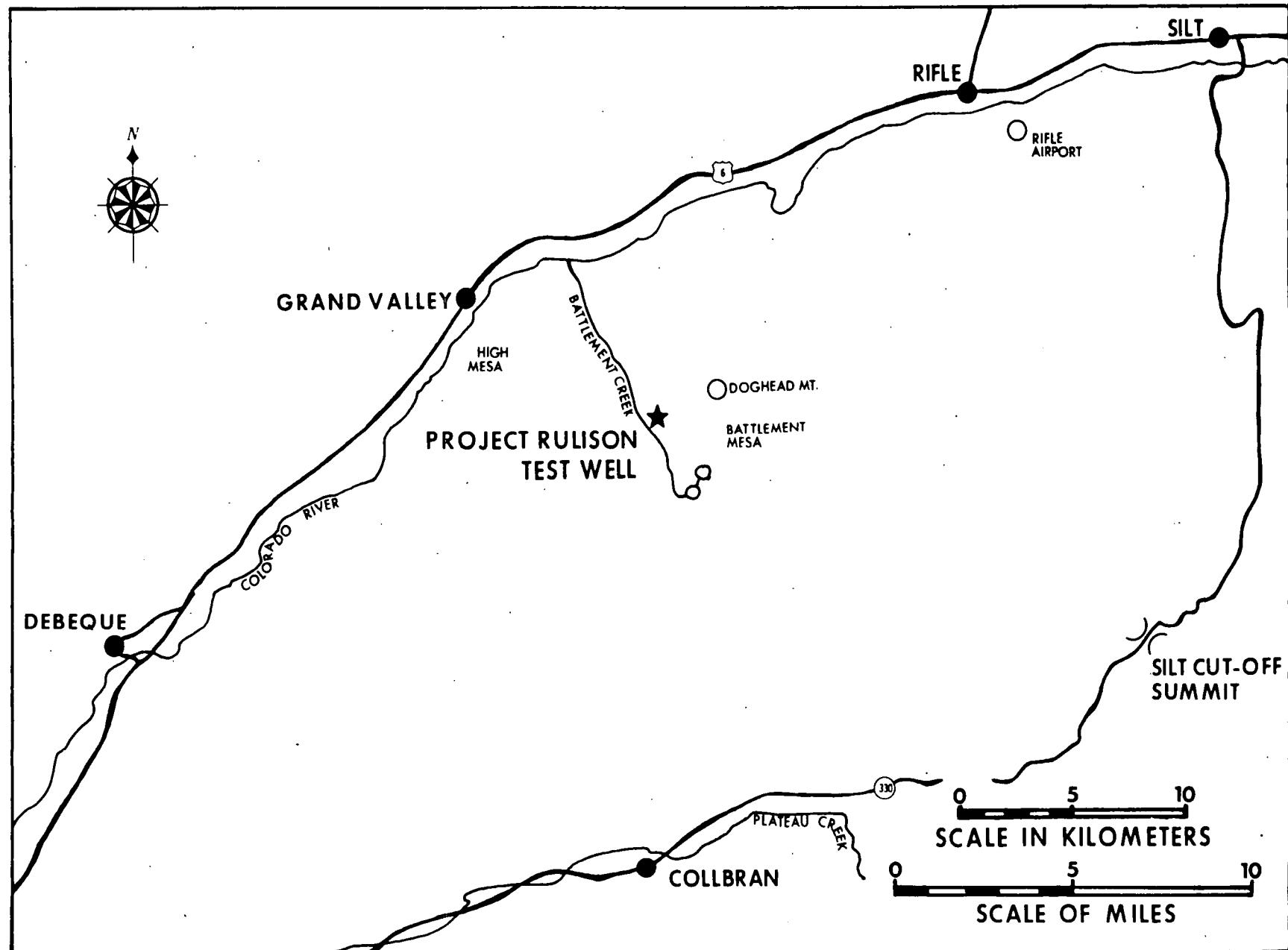


Figure 2. Rulison Area Map.

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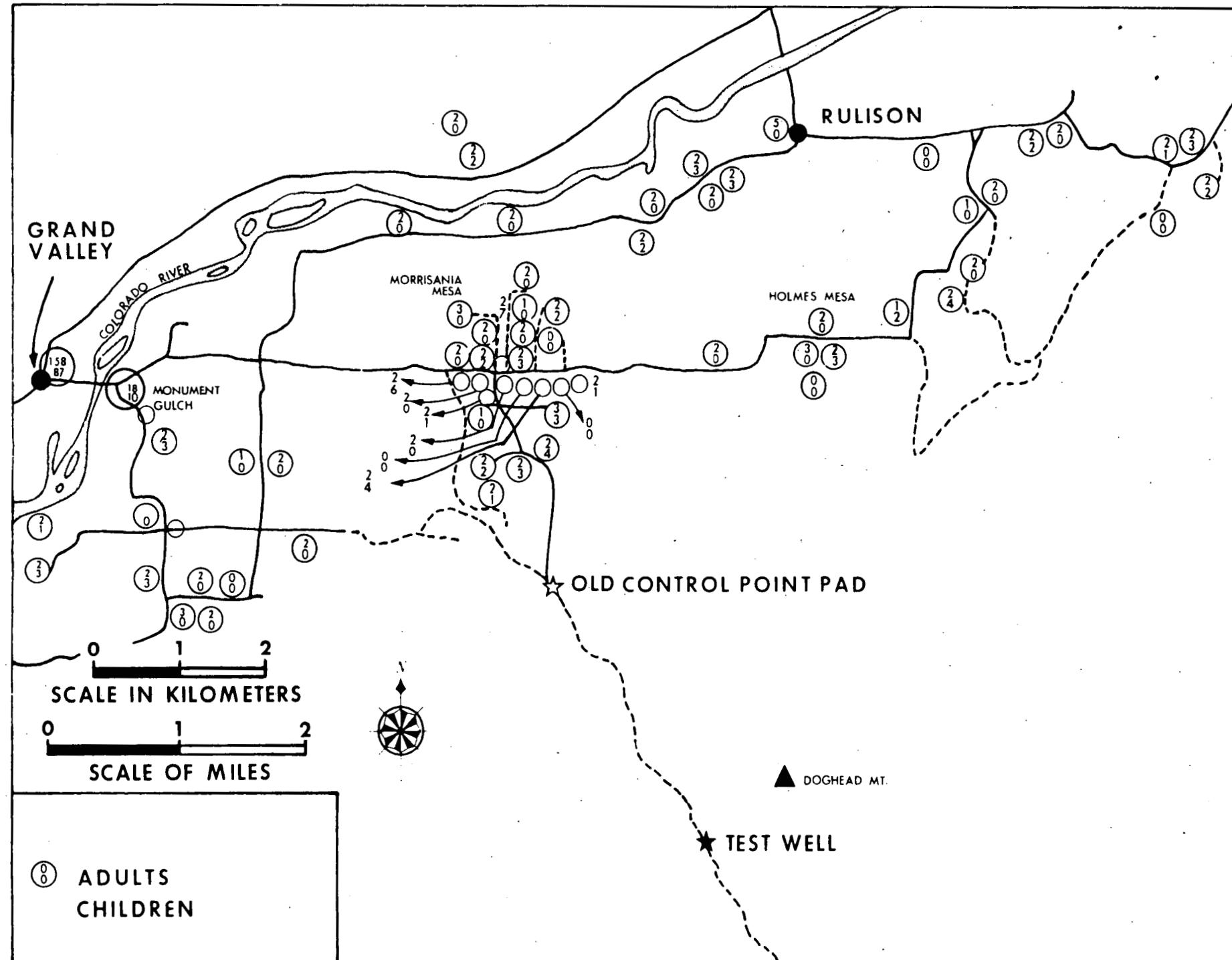


Figure 3. Population Distribution.

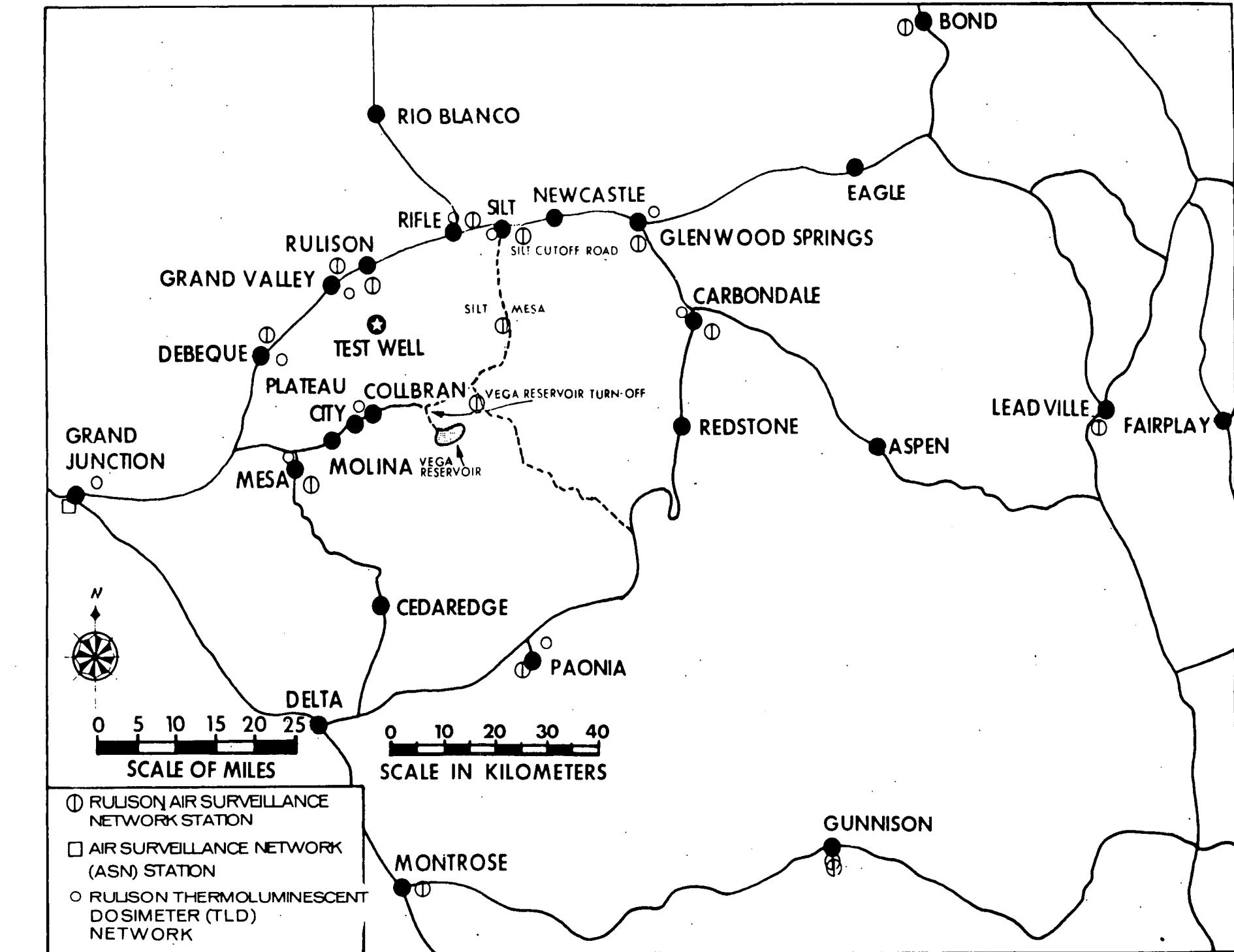


Figure 4. Air Sampling and Thermoluminescent Dosimetry Stations.

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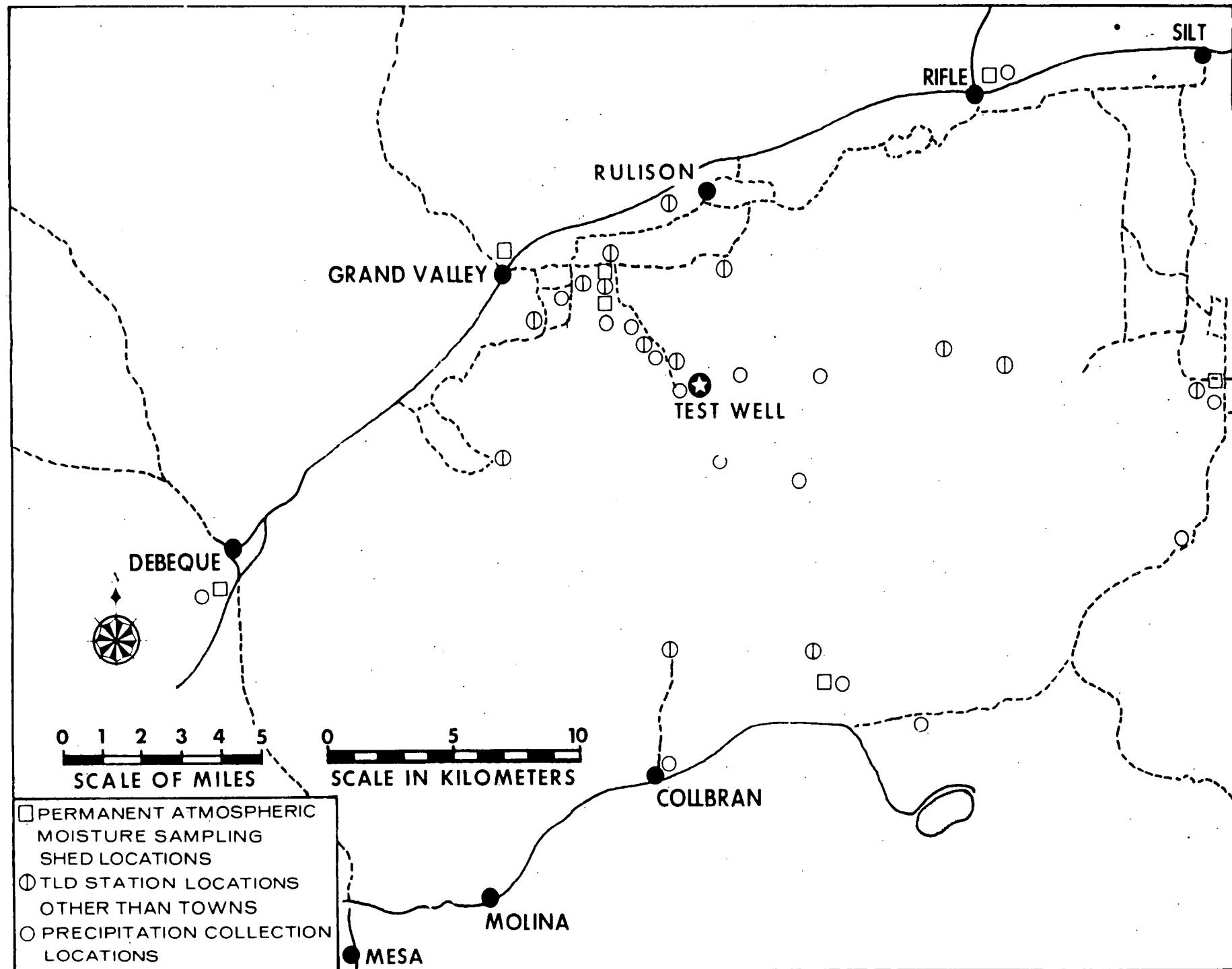


Figure 5. Fixed Atmospheric Moisture Sampling Stations, TLD Stations
Immediately around the Test Well, and Precipitation Collection

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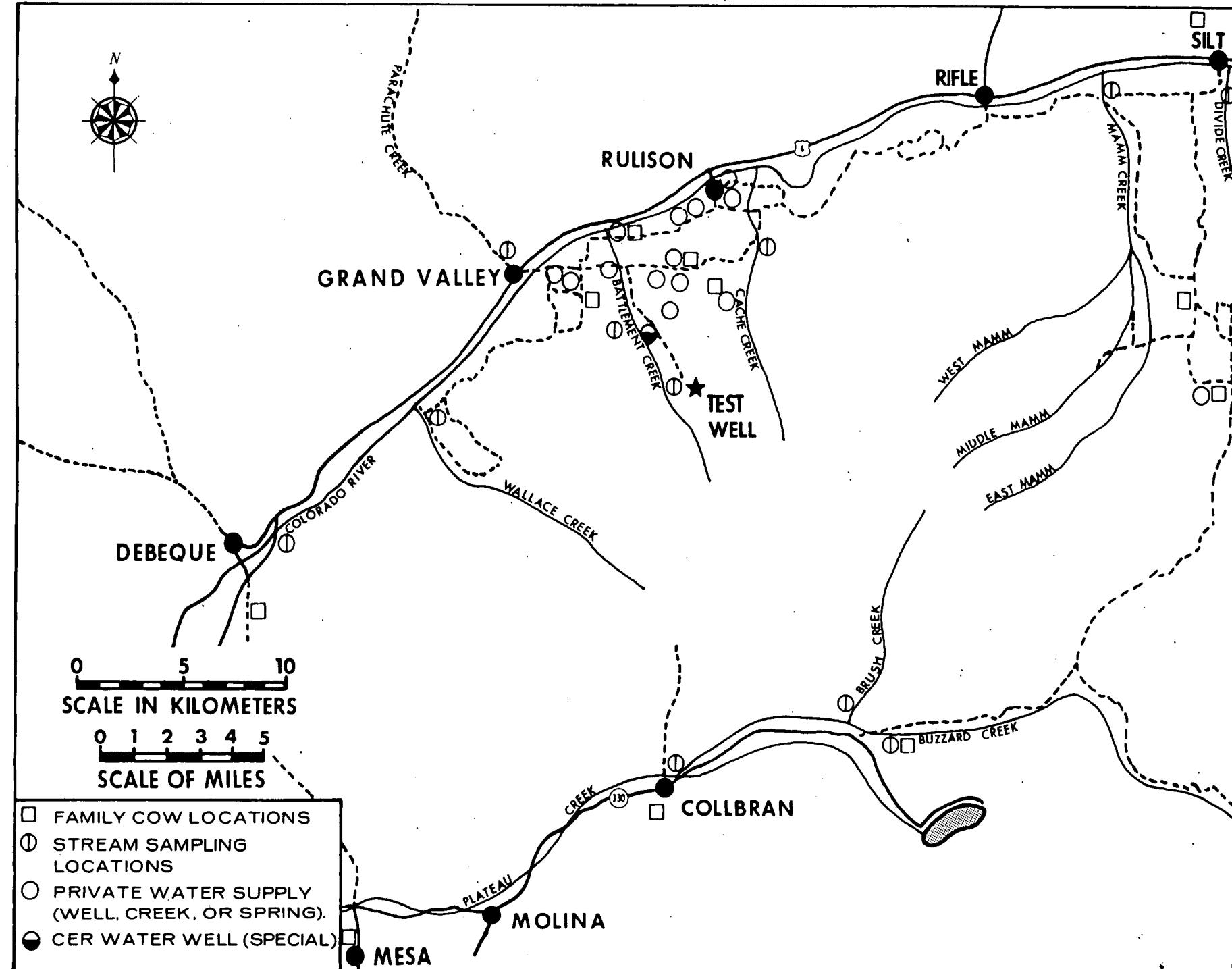


Figure 6. Family Milk Cow, Stream, and Private Water Supply Sampling

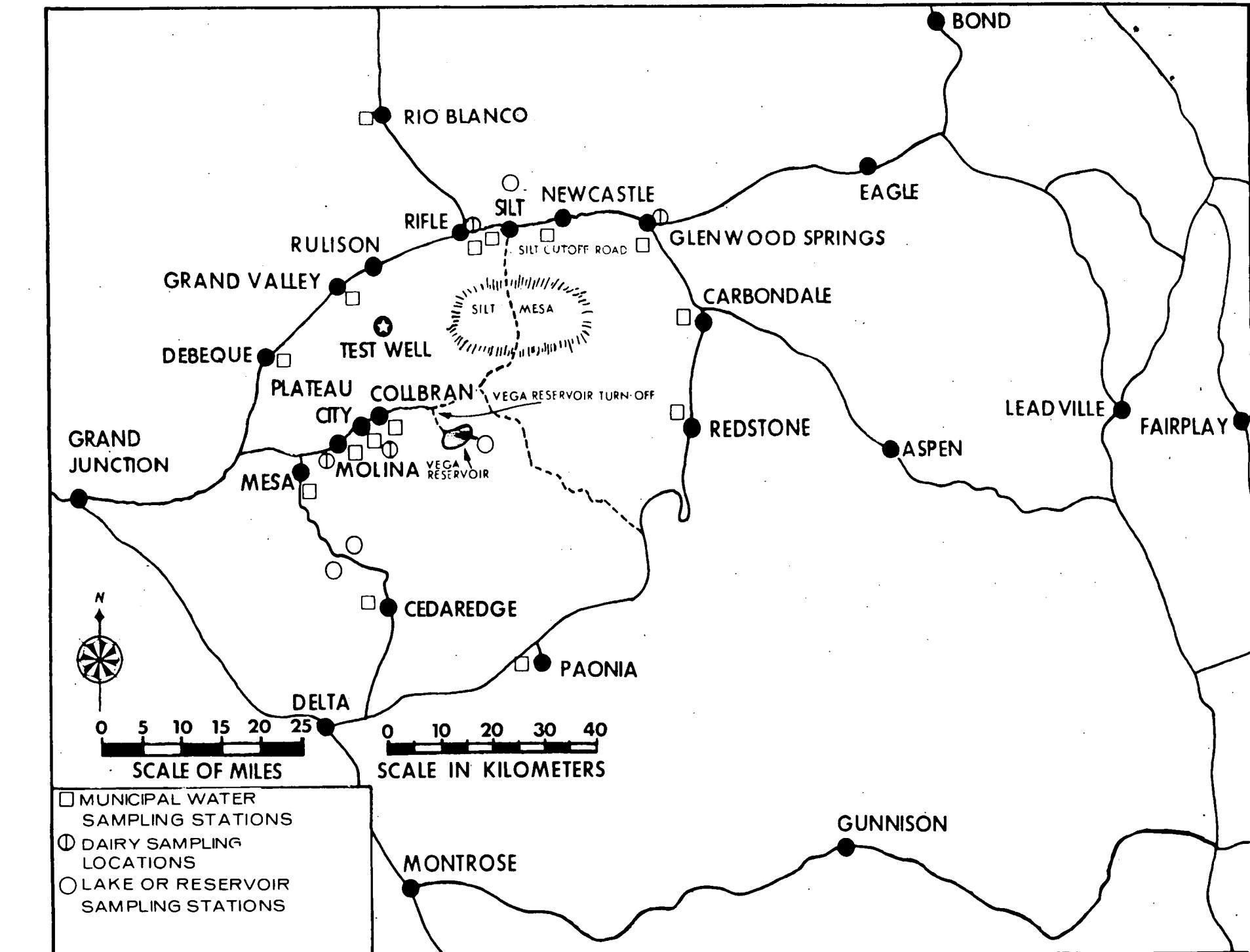


Figure 7. Municipal Water Supply, Dairy, and Lake or Reservoir Sampling-Locations.

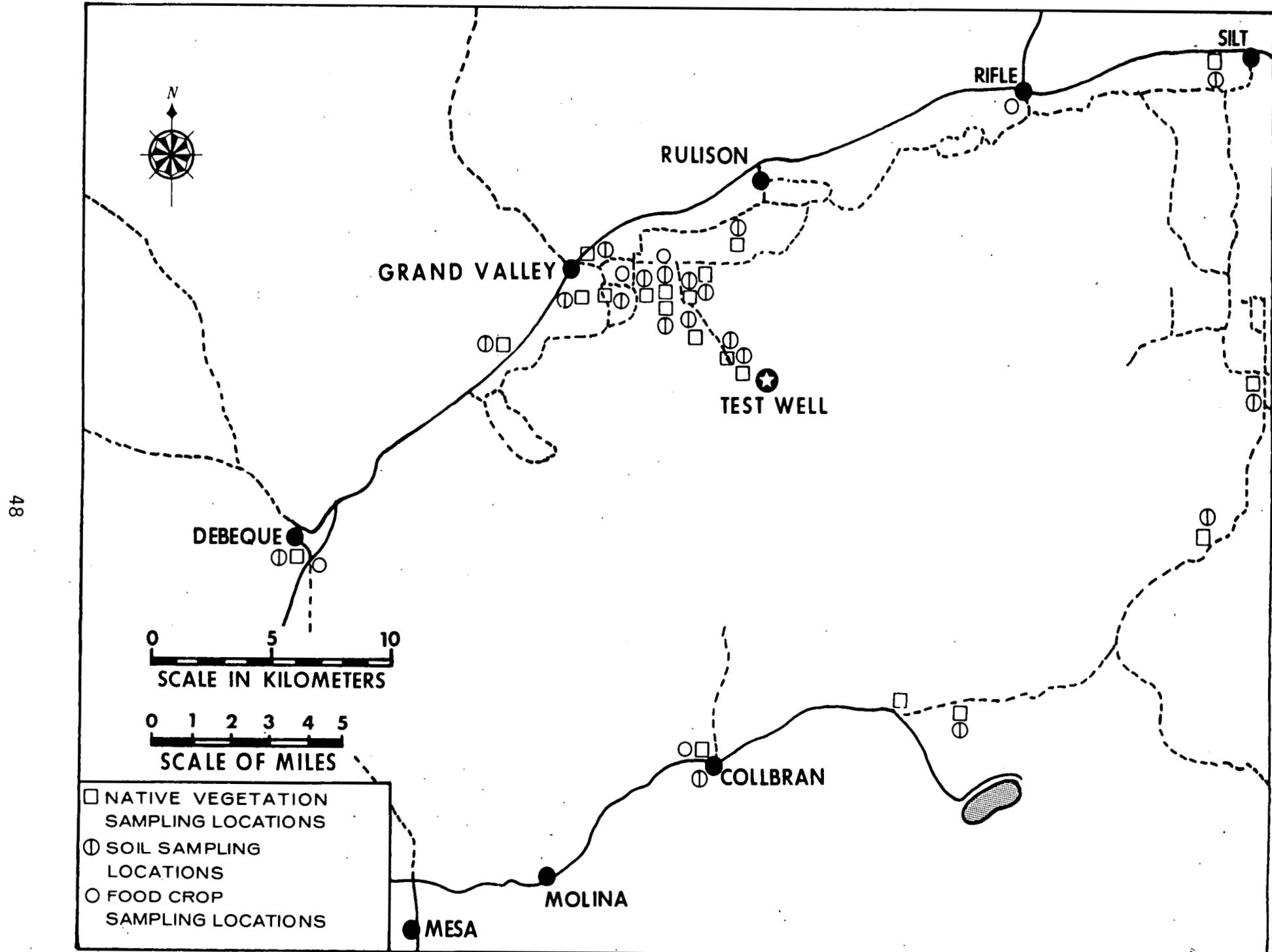


Figure 8. Native Vegetation, Food Crop, and Soil Sampling Locations.

TABLE 1
AERIAL GRAB SAMPLE RESULTS

Location (Azimuth, Distance)	Altitude (Ft. MSL)	Collected Date - Hour	$^{3}\text{H}^{**}$ (pCi/l H_2O)	^{3}H (pCi/ m^3 Air)	$^{85}\text{Kr}^{***}$ (pCi/ m^3 Air)
Morrisania Mesa (330°, 4 miles)	6,500	10/4/70 - 0900	1,300	14	7.2
Colorado River (320°, 6 miles)	5,700	10/4/70 - 0930	2,000	8.8	8.6
Battlement Valley (320°, 4 miles)	6,700	10/5/70 - 0748	1,100	0.3	150
Doghead Mountain (40°, 1 mile)	10,000	10/5/70 - 0834	3,800	22	27
Doghead Mountain (40°, 1 mile)	10,500	10/5/70 - 0858	5,600	12	Lost
4 miles South of Silt (75°, 20 miles)	10,000	10/5/70 - 0920	3,000	5.8	Lost
Spec. Sta. B-I (69°, 4 miles)	10,000	10/5/70 - 0951	1,500	15	18
Doghead Mountain (40°, 1 mile)	10,300	10/5/70 - 1512	5,600	75	18
NE of the Test Well (40°, 2 miles)	9,800	10/5/70 - 1607	6,700	130	29
SE of Rulison (60°, 6 miles)	9,300	10/5/70 - 1637	7,600	52	26
Doghead Mountain (40°, 1 mile)	10,500	10/27/70 - 1432	ISA*	ISA	150
Battlement Mesa (80°, 7.5 miles)	11,000	10/27/70 - 1544	ISA	ISA	31
Monument Gulch (300°, 5 miles)	6,500	12/6/70 - 0852	3,500	13	19
4 Miles NE of the Test Well (45°, 4 miles)	9,350	12/6/70 - 0940	11,000	20	31

*ISA - Insufficient Water for Analysis

**Background - $1,100 \pm 980$ pCi/l H_2O

***Background - 12 ± 2 pCi/ m^3 Air

TABLE 1 (Continued)

Location (Azimuth, Distance)	Altitude (Ft. MSL)	Collected Date - Hour	$^{3}\text{H}**$ (pCi/l H ₂ O)	^{3}H (pCi/m ³ Air)	$^{85}\text{Kr}***$ (pCi/m ³ Air)
2 Miles, NE of the Test Well (45°, 2 Miles)	9,300	12/8/70 - 0923	7,900	37	52
Rifle, Colo (43°, 16 Miles)	9,000	12/8/70 - 0957	<2,000	<3	11
1 Mile, NE of the Test Well (45°, 1 Mile)	10,700	3/19/71 - 0703	ISA	ISA	16
Battlement Cemetery (297°, 5 Miles)	6,000	3/19/71 - 0745	ISA	ISA	14
Battlement Cemetery (297°, 5 Miles)	6,000	3/19/71 - 0805	ISA	ISA	10
2.5 Miles SE of the Test Well (135°, 2.5 Miles)	11,000	3/19/71 - 1403	ISA	ISA	12
2.5 Miles SE of the Test Well (135°, 2.5 Miles)	12,500	3/19/71 - 1445	ISA	ISA	11

* ISA - Insufficient Water for Analysis

Background - 1,100 ± 980 pCi/l H₂O*Background - 12 ± 2 pCi/m³ Air

TABLE 2
AERIAL CRYOGENIC SAMPLE RESULTS

Location (Azimuth, Distance)	Altitude (Ft. MSL)	Collected Date - Time	$^{3}\text{H}^*$ (pCi/l H_2O)	^{3}H (pCi/ m^3 Air)	$^{85}\text{Kr}^{**}$ (pCi/ m^3 Air)
Battlement Mesa (135°, 3.5 Miles)	-	10/28/70-1003- 1042	28,000	75	<5
Monument Gulch (300°, 5 Miles)	6,500	12/6/70-0758- 0837	940	2.0	Lost
3 Miles NE of the Test Well (45°, 3 Miles)	9,400	12/7/70-1608- 1630	22,000	21	Lost

*Background - $1,100 \pm 980$ pCi/l H_2O

** Background - 12 ± 2 pCi/ m^3 Air

TABLE 3

ATMOSPHERIC MOISTURE SAMPLE RESULTS
FOR THE
CALIBRATION FLARING OPERATION

Location (Azimuth, Distance)	Collected			${}^3\text{H}^*$ (pCi/l H_2O)	${}^3\text{H}$ (pCi/m ³ Air)
	Date	Time On	Time Off		
Old Control Point Pad (325°, 2.4 Miles)	10/5/70	0200	0500	1,200	7.0
Old Control Point Pad (325°, 2.4 Miles)	10/5/70	0505	0635	1,800	10
John C. Clem Ranch (325°, 3.3 Miles)	10/5/70	0330	0630	700	4.0
Spec. Sta. D-12 (333°, 4.0 Miles)	10/5/70	0310	0630	<400	<2
Spec. Sta. D-13 (338°, 3.8 Miles)	10/5/70	0300	0630	430	2.2
Spec. Sta. D-14 (345°, 3.7 Miles)	10/5/70	0240	0540	1,100	6.6
Spec. Sta. D-14 (345°, 3.7 Miles)	10/5/70	0545	0630	1,600	8.7
Grand Valley, Colo (300°, 6.5 Miles)	10/5/70	0355	0633	770	4.4
Spec. Sta. A-VII (15°, 0.8 Mile)	10/5/70	0940	1055	11,000	61
Spec. Sta. A-IX (52°, 0.8 Mile)	10/5/70	0840	1040	59,000	290
Spec. Sta. A-X (65°, 0.6 Mile)	10/5/70	0835	1035	51,000	240
Spec. Sta. A-XI (91°, 0.7 Mile)	10/5/70	0930	1045	8,400	45
Spec. Sta. B-I (69°, 3.9 Miles)	10/5/70	0900	1107	9,800	50
Spec. Sta. B-III (85°, 3.8 Miles)	10/5/70	0851	1051	3,200	15

*Background - 1,100 ± 980 pCi/l H_2O

TABLE 3 (Continued)

Location (Azimuth, Distance)	Date	Collected Time On	Time Off	$^{3}\text{H}^*$ (pCi/l H_2O)	^{3}H (pCi/m ³ Air)
Spec. Sta. C-V (317°, 2.2 Miles)	10/5/70	0730	0930	670	6.6
Spec. Sta. C-VII (320°, 2.5 Miles)	10/5/70	0734	0940	700	4.0
Spec. Sta. C-IX (325°, 2.4 miles)	10/5/70	0737	0950	780	4.6
Spec. Sta. C-X (328°, 2.3 Miles)	10/5/70	0738	1000	880	5.1
Spec. Sta. D-27 (67°, 17.5 Miles)	10/5/70	0940	1140	670	3.9
Spec. Sta. D-29 (76°, 16.5 Miles)	10/5/70	1003	1203	780	4.3
Spec. Sta. D-31 (87°, 17.2 Miles)	10/5/70	1040	1240	710	4.1
Spec. Sta. D-33 (97°, 16.2 Miles)	10/5/70	1111	1311	550	3.1
Spec. Sta. A-VII (15°, 0.8 Mile)	10/5/70	1452	1543	43,000	220
Spec. Sta. A-IX (52°, 0.8 Mile)	10/5/70	1455	1555	27,000	150
Spec. Sta. A-X (65°, 0.6 Mile)	10/5/70	1450	1550	34,000	180
Spec. Sta. A-XI (91°, 0.7 Mile)	10/5/70	1454	1554	3,600	17
Spec. Sta. B-I (69°, 3.9 Miles)	10/5/70	1500	1524	750	3.8
Spec. Sta. B-III (85°, 3.8 Miles)	10/5/70	1455	1525	2,400	10
Spec. Sta. D-25 (40°, 9.2 Miles)	10/5/70	1550	1720	610	3.0

*Background - 1,100 ± 980 pCi/l H_2O

TABLE 3 (Continued)

Location (Azimuth, Distance)	Collected			${}^3\text{H}^*$ (pCi/l H_2O)	${}^3\text{H}$ (pCi/ m^3 Air)
	Date	Time On	Time Off		
Rifle Airport (56°, 14.5 Miles)	10/5/70	1616	1746	580	3.1
Rifle A and W Parking Lot (47°, 12.5 Miles)	10/5/70	1540	1730	950	6.3

*Background - $1,100 \pm 980$ pCi/l H_2O

TABLE 4
ATMOSPHERIC MOISTURE SAMPLE RESULTS
FOR THE
HIGH-RATE FLARING OPERATION

<u>Location (Azimuth, Distance)</u>	<u>Collected</u>	<u>Date</u>	<u>Time On</u>	<u>Time Off</u>	<u>³H*</u> (pCi/l H ₂ O)	<u>³H</u> (pCi/m ³ Ai)
Spec. Sta. D-27 (67°, 17.5 Miles)		10/27/70	1520	1650	980	1.8
Spec. Sta. D-29 (76°, 16.5 Miles)		10/27/70	1540	1710	930	1.8
Spec. Sta. D-31 (87°, 17.2 Miles)		10/27/70	1530	1700	7,300	20.
Spec. Sta. D-33 (97°, 16.2 Miles)		10/27/70	1547	1717	8,900	26
John C. Clem Ranch (325°, 3.3 Miles)		10/28/70	0600	0800	5,100	9.4
Old Control Point Pad (325°, 2.4 Miles)		10/28/70	0615	0815	19,000	29

*Background - 1,100 ± 980 pCi/l H₂O

TABLE 5
COMPRESSED AIR SAMPLE RESULTS
FOR THE
HIGH-RATE FLARING OPERATION

Location (Azimuth, Distance)	Date	Collected Time On Time Off	$^{3}\text{H}**$ (pCi/l H_2O)	^{3}H (pCi/ m^3 Air)	$^{85}\text{Kr}***$ (pCi/ m^3 Air)
Spec. Sta. D-29 (76°, 16.5 Miles)	10/27/70	1720 1750	5,600	15	14
Old Control Point Pad (325°, 2.4 Miles)	10/28/70	0645 0710	ISA*	ISA	47

*Insufficient water for analysis

**Background - 1,100 ± 980 pCi/l H_2O

***Background - 12 ± 2 pCi/ m^3 Air

TABLE 6

ATMOSPHERIC MOISTURE SAMPLE RESULTS
FOR THE
INTERMEDIATE-RATE FLARING OPERATION

Location (Azimuth, Distance)		Collected		${}^3\text{H}^*$ (pCi/l H_2O)	${}^3\text{H}$ (pCi/ m^3 Air)
	Date	Time On	Time Off		
Old Control Point Pad (325°, 2.4 Miles)	12/1/70	1910	2110	760	2.0
Spec. Sta. D-11 (328°, 4.2 Miles)	12/1/70	1855	2055	1,000	2.5
Old Control Point Pad (325°, 2.4 Miles)	12/3/70	1925	2125	960	2.2
Spec. Sta. D-11 (328°, 4.2 Miles)	12/3/70	1940	2140	660	1.7
Old Control Point Pad (325°, 2.4 Miles)	12/5/70	0700	0900	11,000	22
Spec. Sta. D-11 (328°, 4.2 Miles)	12/5/70	0645	0845	3,600	9.7
Old Control Point Pad (325°, 2.4 Miles)	12/6/70	0735	0935	18,000	36
Spec. Sta. D-1 (286°, 4.6 Miles)	12/6/70	0810	0947	1,900	4.6
Spec. Sta. D-3 (294°, 4.5 Miles)	12/6/70	0800	0940	2,400	1.5
Spec. Sta. D-5 (303°, 4.4 Miles)	12/6/70	0802	0955	2,300	5.7
Spec. Sta. D-7 (311°, 4.9 Miles)	12/6/70	0824	0952	1,800	4.6
Spec. Sta. D-11 (328°, 4.2 Miles)	12/6/70	0745	0945	1,600	4.2
Grand Valley, Colo (300°, 6.5 Miles)	12/6/70	0900	1010	1,400	4.4
Wallace Cr. School (264°, 8.0 Miles)	12/6/70	0905	1005	1,800	5.4

*Background - 1,100 ± 980 pCi/l H_2O

TABLE 6 (Continued)

Location (Azimuth, Distance)	Collected			${}^3\text{H}^*$ (pCi/l H ₂ O)	${}^3\text{H}$ (pCi/m ³ Air)
	Date	Time On	Time Off		
Old Control Point Pad (325°, 2.4 Miles)	12/7/70	0720	0920	8,100	8.9
Spec. Sta. D-11 (328°, 4.2 Miles)	12/7/70	0706	0906	2,800	5.0
Ronald Reese Residence (332°, 3.3 Miles)	12/7/70	0755	0955	2,500	4.8
Rifle, Colo (45°, 12.5 Miles)	12/7/70	1345	1515	1,000	2.2
Rifle Airport (55°, 14.5 Miles)	12/7/70	1350	1520	1,900	3.7
3 Miles S of Rifle Airport (65°, 13.0 Miles)	12/7/70	1400	1530	1,400	3.8
1.2 Miles E of Rifle (49°, 13.5 Miles)	12/8/70	0930	1130	730	2.9
Old Control Point Pad (325°, 2.4 Miles)	12/12/70	0625	0825	5,000	7.8
Spec. Sta. D-11 (328°, 4.2 Miles)	12/12/70	0610	0810	1,600	2.9

*Background - 1,100 ± 980 pCi/l H₂O

TABLE 7
COMPRESSED AIR SAMPLE RESULTS
FOR THE
INTERMEDIATE-RATE FLARING OPERATION

Location (Azimuth, Distance)	Collected		$^{3}\text{H}^{**}$ (pCi/l H_2O)	^{3}H (pCi/ m^3 Air)	$^{85}\text{Kr}^{***}$ (pCi/ m^3 Air)
	Date	Time On Time Off			
Spec. Sta. D-11 (328°, 4.2 Miles)	12/1/70	1935	2005	ISA*	ISA
Spec. Sta. D-11 (328°, 4.2 Miles)	12/3/70	1955	2025	2,200	9.4
Spec. Sta. D-1 (286°, 4.6 Miles)	12/6/70	0851	0916	2,200	8.8
3 Miles S of Rifle Airport (65°, 13.0 Miles)	12/7/70	1535	1600	2,500	11
Rifle Airport (55°, 14.5 Miles)	12/8/70	1008	1035	2,900	7.4
					Lost

*ISA - Insufficient water for analysis.

**Background - $1,100 \pm 980$ pCi/l H_2O

***Background - 12 ± 2 pCi/ m^3 Air

TABLE 8
ATMOSPHERIC MOISTURE SAMPLE RESULTS
FOR THE
LONG-TERM, LOW RATE FLARING OPERATION

Location (Azimuth, Distance)	Collected			${}^3\text{H}^*$ (pCi/l H_2O)	${}^3\text{H}$ (pCi/ m^3 Air)
	Date	Time On	Time Off		
Old Control Point Pad (325°, 2.4 Miles)	1/31/71	1315	1515	1,300	5.2
Old Control Point Pad (325°, 2.4 Miles)	2/1/71	1155	1355	450	1.9
Old Control Point Pad (325°, 2.4 Miles)	2/8/71	2105	2305	5,300	8.6
Spec. Sta. D-11 (328°, 4.2 Miles)	2/8/71	2050	2240	3,100	5.9
Old Control Point Pad (325°, 2.4 Miles)	2/10-11/71	2215	0015	410	1.0
Spec Sta. D-11 (328°, 4.2 Miles)	2/10-11/71	2220	0020	1,200	2.7
Old Control Point Pad (325°, 2.4 Miles)	2/12/71	0415	0600	12,000	19
Spec. Sta. D-11 (328°, 4.2 Miles)	2/12/71	0425	0625	920	1.5
Old Control Point Pad (325°, 2.4 Miles)	2/27/71	0610	0810	32,000	24
Spec. Sta. D-11 (328°, 4.2 Miles)	2/27/71	0625	0825	2,200	2.2
Old Control Point Pad (325°, 2.4 Miles)	3/13/71	0500	0700	1,800	4.2
Spec. Sta. D-11 (328°, 4.2 Miles)	3/13/71	0510	0710	1,200	3.9

*Background - 1,100 ± 980 pCi/l H_2O

TABLE 8 (Continued)

Location (Azimuth, Distance)	Date	Collected Time On	Time Off	${}^3\text{H}^*$ (pCi/l H_2O)	${}^3\text{H}$ (pCi/m ³ Air)
Old Control Point Pad (325°, 2.4 Miles)	3/19/71	0712	0912	13,000	16
Ronald Reese Residence (332°, 3.3 Miles)	3/19/71	0750	0950	3,900	5.9
Spec. Sta. D-1 (286°, 4.6 Miles)	3/19/71	0836	1036	1,500	2.6
Spec. Sta. D-5 (303°, 4.4 Miles)	3/19/71	0814	1014	2,300	3.4
Spec. Sta. D-8 (314°, 5.1 Miles)	3/19/71	0748	0948	1,100	1.8
Spec. Sta. D-14 (345°, 3.7 Miles)	3/19/71	0807	1007	1,600	3.2
John C. Clem Ranch (325°, 3.3 Miles)	3/19/71	0730	0930	1,800	2.6
Spec. Sta. D-35 (110°, 16.0 Miles)	3/19/71	1545	1745	2,700	3.6
Spec. Sta. D-37 (120°, 14.5 Miles)	3/19/71	1522	1722	2,200	3.1
Spec. Sta. D-39 (130°, 13.9 Miles)	3/19/71	1502	1702	2,600	3.8
Spec. Sta. D-42 (150°, 11.5 Miles)	3/19/71	1532	1732	1,200	2.0
Spec. Sta. D-44 (166°, 10.5 Miles)	3/19/71	1546	1746	1,300	2.2

*Background - 1,100 ± 980 pCi/l H_2O

TABLE 9
COMPRESSED AIR SAMPLE RESULTS
FOR THE
LONG-TERM LOW-RATE FLARING OPERATION

Location (Azimuth, Distance)	Date	Collected Time On	Time Off	$^{3}\text{H}^{**}$ (pCi/l H_2O)	^{3}H (pCi/ m^3 Air)	$^{85}\text{Kr}^{***}$ (pCi/ m^3 Air)
Old Control Point Pad (325°, 2.4 Miles)	1/31/71	1327	1357	ISA*	ISA	11
Old Control Point Pad (325°, 2.4 Miles)	2/1/71	1146	1217	ISA	ISA	12
Old Control Point Pad (325°, 2.4 Miles)	2/8/71	2128	2200	ISA	ISA	25
Old Control Point Pad (325°, 2.4 Miles)	2/10/71	2250	2320	ISA	ISA	15
Old Control Point Pad (325°, 2.4 Miles)	2/12/71	0453	0522	ISA	ISA	21
Old Control Point Pad (325°, 2.4 Miles)	2/27/71	0652	0725	ISA	ISA	16
Old Control Point Pad (325°, 2.4 Miles)	3/13/71	0538	0607	ISA	ISA	14
Ronald Reese Residence (332°, 3.3 Miles)	3/19/71	0840	0915	4,200	24	19

*ISA - Insufficient water for analysis.

**Background - $1,100 \pm 980$ pCi/l H_2O

*** Background - 12 ± 2 pCi/ m^3 Air

TABLE 10
FIXED STATION ATMOSPHERIC MOISTURE SAMPLE RESULTS
GREATER THAN BACKGROUND* CONCENTRATIONS

Location	Sampling Period		^{3}H	^{3}H
	Date - Time	Date - Time	(pCi/1 H_2O)	(pCi/ m^3 Air)
John C. Clem Ranch	10/27/70 - 0800	10/29/70 - 1040	2,700	3.6
John C. Clem Ranch	12/04/70 - 1130	12/06/70 - 1000	7,500	10
Dan Duplice Ranch	12/04/70 - 1235	12/06/70 - 1035	2,200	5.7
John C. Clem Ranch	12/06/70 - 1020	12/08/70 - 1025	4,400	9.2
John C. Clem Ranch	12/12/70 - 1015	12/14/70 - 1035	11,000	21
Dan Duplice Ranch	12/12/70 - 1105	12/14/70 - 1000	2,600	4.9
John C. Clem Ranch	02/03/71 - 1145	02/05/71 - 1055	2,400	3.4
Russ Latham Ranch	02/05/71 - 1045	02/07/71 - 1045	3,300	1.5
Don Jackett Ranch	02/05/71 - 0900	02/07/71 - 0930	2,200	2.0
Grand Valley, Colo.	02/05/71 - 1145	02/07/71 - 1135	3,400	2.2
Bert Griffith Ranch	02/05/71 - 0905	02/07/71 - 0920	2,300	2.1
John C. Clem Ranch	02/09/71 - 1220	02/11/71 - 1145	2,200	2.7
Dan Duplice Ranch	02/09/71 - 1222	02/11/71 - 1100	3,000	5.3
John C. Clem Ranch	02/11/71 - 1155	02/13/71 - 1100	3,400	6.4
Russ Latham Ranch	02/11/71 - 1310	02/13/71 - 1125	2,200	1.4
Russ Latham Ranch	02/13/71 - 1130	02/15/71 - 1040	2,800	1.9
John C. Clem Ranch	02/21/71 - 1235	02/23/71 - 1140	4,400	2.8
Bert Griffith Ranch	02/21/71 - 1500	02/23/71 - 1435	2,200	1.7
John C. Clem Ranch	02/23/71 - 1145	02/25/71 - 1130	2,400	3.7
John C. Clem Ranch	02/27/71 - 1325	03/01/71 - 1235	2,700	2.3
John C. Clem Ranch	03/01/71 - 1240	03/03/71 - 0920	3,600	3.2
John C. Clem Ranch	03/05/71 - 1255	03/07/71 - 1035	3,300	3.1
John C. Clem Ranch	03/07/71 - 1040	03/09/71 - 1230	2,200	3.2
John C. Clem Ranch	03/17/71 - 1155	03/19/71 - 1240	2,800	1.6
John C. Clem Ranch	03/19/71 - 1300	03/21/71 - 1205	6,300	4.8
John C. Clem Ranch	03/27/71 - 1115	03/29/71 - 1130	3,400	2.7
John C. Clem Ranch	03/29/71 - 1135	03/31/71 - 1050	2,800	2.0
John C. Clem Ranch	03/31/71 - 1110	04/02/71 - 1055	4,200	2.4
Dan Duplice Ranch	03/31/71 - 1135	04/02/71 - 1120	2,600	1.6
Alex Urquhart Dairy	03/31/71 - 0910	04/02/71 - 0925	2,200	2.1

*Background - $1,100 \pm 980$ pCi/1 H_2O

Table 10: Fixed station atmospheric moisture sample results greater than background concentrations (continued)

Location	<u>Sampling Period</u>		${}^3\text{H}$ (pCi/1 H ₂ O)	${}^3\text{H}$ (pCi/m ³ Air)
	Date - Time	Date - Time		
John C. Clem Ranch	04/02/71 - 1105	04/04/71 - 1040	3,800	2.2
Dan Duplice Ranch	04/02/71 - 1125	04/04/71 - 1100	2,900	2.1
John C. Clem Ranch	04/04/71 - 1120	04/06/71 - 1125	4,100	1.6
Dan Duplice Ranch	04/04/71 - 1110	04/06/71 - 1110	2,400	1.0
John C. Clem Ranch	04/06/71 - 1130	04/08/71 - 1130	3,900	2.3
John C. Clem Ranch	04/10/71 - 1130	04/12/71 - 1030	2,700	1.2
John C. Clem Ranch	04/12/71 - 1040	04/14/71 - 1040	2,800	1.9
John C. Clem Ranch	04/14/71 - 1045	04/16/71 - 1130	2,300	2.0

TABLE 11
TRITIUM AND KRYPTON-85 CONCENTRATIONS IN
NATURAL GAS DURING FLARING

Sampling Point	Collected		^{3}H (pCi/l gas)	^{85}Kr (pCi/l gas)
	Date	Time		
DWC* Unit	10/5/70	0950	8.8×10^4	1.9×10^5
DWC Unit	10/5/70	1515	6.2×10^4	1.7×10^5
Low Pressure Seperator	10/27/70	1700	1.2×10^5	1.4×10^5
Low Pressure Seperator	10/28/70	1700	7.8×10^4	1.6×10^5
Low Pressure Seperator	10/29/70	1630	1.1×10^5	1.6×10^5
Low Pressure Seperator	10/30/70	1615	5.1×10^4	1.5×10^5
Wellhead	12/2/70	1235	1.5×10^5	1.4×10^5
Wellhead	12/10/70	1505	1.2×10^5	1.1×10^5
Wellhead	12/20/70	0920	1.1×10^5	1.0×10^5
Wellhead	2/3/71	0935	9.8×10^4	1.3×10^5
Low Pressure Seperator	2/3/71	1000	9.7×10^4	1.1×10^5
Wellhead	2/17/71	1100	5.2×10^4	5.7×10^4
Low Pressure Seperator	2/17/71	1113	5.0×10^4	4.9×10^4
Wellhead	3/19/71	1130	1.2×10^4	1.4×10^4
Low Pressure Seperator	3/19/71	1140	1.1×10^4	1.3×10^4
Wellhead	4/23/71	1305	3.6×10^4	1.1×10^4
Low Pressure Seperator	4/23/71	1315	1.0×10^4	3.1×10^4

*DWC - Drilling Well Control Unit

TABLE 12
PRECIPITATION SAMPLE RESULTS
GREATER THAN BACKGROUND* CONCENTRATIONS

Location	Collected Date - Time	³ H (pCi/l H ₂ O)
0.1 mile NW of Test Well	12/16/70 1245	5,200
0.25 mi. NW of Test Well	12/16/70 1250	7,300
0.5 mile NW of Test Well	12/16/70 1255	4,700
1 mile NW of Test Well	12/16/70 1300	5,200
0.1 mile NW of Test Well	12/18/70 1315	4,200
0.25 mi. NW of Test Well	12/18/70 1320	2,700
0.1 mile NW of Test Well	12/20/70 1415	7,900
0.25 mi. NW of Test Well	12/20/70 1405	4,300
0.1 mile NW of Test Well	02/03/71 2000	5,800
0.25 mi. NW of Test Well	02/05/71 1310	3,100
0.5 mile NW of Test Well	02/05/71 1315	2,900
0.1 mile NW of Test Well	02/07/71 1250	5,000
0.25 mi. NW of Test Well	02/07/71 1255	3,900
0.1 mile NW of Test Well	02/08/71 1415	7,600
0.25 mi. NW of Test Well	02/15/71 2130	3,300
0.1 mile NW of Test Well	02/20/71 1015	10,000
0.25 mi. NW of Test Well	02/20/71 1020	3,800
0.5 mile NW of Test Well	02/20/71 1025	2,500
0.1 mile NW of Test Well	02/21/71 1135	21,000
0.25 mi. NW of Test Well	02/21/71 1140	12,000
0.5 mile NW of Test Well	02/21/71 1145	3,300
0.1 mile NW of Test Well	02/24/71 1045	47,000
0.25 mi. NW of Test Well	02/24/71 1050	2,700
0.5 mile NW of Test Well	02/24/71 1055	2,800
Plot 2 (2 miles NW)	02/24/71 1105	2,800
0.1 mile NW of Test Well	02/28/71 2400	10,000
0.25 mi. NW of Test Well	02/28/71 2400	3,800
0.5 mile NW of Test Well	02/28/71 2400	3,000
Plot 1 (1 mile NW)	02/28/71 2400	3,100
Plot 1 (1 mile NW)	03/14/71 1255	6,000

*Background - 1,100 ± 1,300 pCi/l

Table 12: Precipitation sample results greater than background concentrations
(continued)

<u>Location</u>	<u>Collected</u>		<u>³H</u> <u>(pCi/l H₂O)</u>
	<u>Date</u>	<u>- Time</u>	
0.1 mile NW of Test Well	03/16/71	1220	4,700
0.25 mi. NW of Test Well	03/16/71	1225	3,200
0.1 mile NW of Test Well	04/18/71	1255	6,700
0.25 mi. NW of Test Well	04/18/71	1300	17,000
0.5 mile NW of Test Well	04/18/71	1305	5,100
0.1 mile NW of Test Well	04/20/71	1000	4,100
0.25 mi. NW of Test Well	04/20/71	1005	3,000
0.5 mile NW of Test Well	04/20/71	1015	2,900
Dan Duplice Ranch	04/26/71	1315	2,500

TABLE 13
NATIVE VEGETATION SAMPLE RESULTS
GREATER THAN BACKGROUND* CONCENTRATIONS

Location	Azimuth	Distance (miles)	Collected Date - Time	^{3}H (pCi/1 H ₂ O)	^{3}H (pCi/kg**)
Spec. Sta. A-VII	15°	0.8	10/05/70 1610	11,000	3,200
Spec. Sta. A-IX	52°	0.8	10/05/70 1600	15,000	7,000
Spec. Sta. A-X	65°	0.6	10/05/70 1600	21,000	7,600
Spec. Sta. B-III	85°	3.8	10/05/70 1130	4,700	850
0.25 mile NW	315°	0.25	10/10/70 0800	3,000	1,300
0.25 mile NW	315°	0.25	11/04/70 1400	2,900	1,600
0.25 mile NW	315°	0.25	11/05/70 1600	2,500	1,000
Silt, Colorado	60°	19	02/27/71 1020	3,000	1,300
0.25 mile NW	315°	0.25	04/28/71 1105	6,900	4,300
0.5 mile NW	315°	0.5	04/28/71 1140	3,200	1,300
0.1 mile NW	290°	0.1	06/01/71 1100	4,000	1,900
0.25 mile NW	315°	0.25	06/01/71 1130	3,200	2,200
0.5 mile NW	315°	0.5	06/01/71 1150	2,700	1,800
Brush Creek	145°	10	05/31/71 1140	2,400	1,700
0.1 mile NW	290°	0.1	06/01/71 1100	3,800	2,400

*Background - $1,100 \pm 1,000$ pCi/1 H₂O

**Wet Weight

TABLE 14
SOIL SAMPLE RESULTS GREATER
THAN BACKGROUND* CONCENTRATIONS

Location	Azimuth	Distance (Miles)	Depth	Collected		^{3}H (pCi/l H_2O)	^{3}H (pCi/l F)
				Date	Time		
0.25 Mile NW	315°	0.25	Surface	10/10/70	0800	5,300	1,500
0.25 Mile NW	315°	0.25	Surface	11/4/70	1400	1,500	460
0.25 Mile NW	315°	0.25	Surface	11/5/70	1545	1,600	480
0.5 Mile NW	315°	0.5	Surface	12/20/70	1422	3,200	630
0.25 Mile NW	315°	0.25	Surface	4/28/71	1100	6,700	1,800
0.25 Mile NW	315°	0.25	6 inches	4/28/71	1100	4,300	1,100
0.5 Mile NW	315°	0.5	Surface	4/28/71	1125	2,600	770
Plot 1	323°	1.2	Surface	4/28/71	1200	1,700	250
Plot 1	323°	1.2	6 inches	4/28/71	1200	1,500	320
Silt, Colo	60°	19	Surface	4/27/71	1355	1,500	100
Collbran, Colo	183°	12	Surface	4/26/71	1300	1,600	110
Art Linn Ranch	139°	12	Surface	4/26/71	1100	1,600	280
Silt Cut-Off Smt.	110°	16	Surface	4/26/71	1000	1,800	340
Jackett Ranch	86°	17	Surface	5/31/71	1350	1,800	120
Silt, Colo	60°	19	Surface	5/31/71	1415	2,200	60
Collbran, Colo	183°	12	Surface	5/31/71	1100	2,800	20
Art Linn Ranch	139°	12	Surface	5/31/71	1210	2,400	90
Silt Cut-Off Smt.	110°	16	Surface	5/31/71	1320	2,100	80

*Background for surface soil - 980 ± 510 pCi/l H_2O
 Background for soil at six inches - 710 ± 390 pCi/l H_2O
 **Wet Weight

TABLE 14 (Continued)

Location	Azimuth	Distance (Miles)	Depth	Collected		${}^3\text{H}$ (pCi/l H_2O)	${}^3\text{H}$ (pCi/l kg*)
				Date	Time		
0.1 Mile NW	290°	0.1	Surface	6/1/71	1100	3,600	510
0.1 Mile NW	290°	0.1	6 inches	6/1/71	1100	6,200	1,500
0.25 Mile NW	315°	0.25	Surface	6/1/71	1130	3,300	550
0.25 Mile NW	315°	0.25	6 inches	6/1/71	1130	5,000	1,100
0.5 Mile NW	315°	0.5	Surface	6/1/71	1150	2,600	190
0.5 Mile NW	315°	0.5	6 inches	6/1/71	1150	2,700	670
Plot 1	323°	1.2	Surface	6/1/71	1250	2,600	160
Plot 1	323°	1.2	6 inches	6/1/71	1250	1,800	340
Plot 2	325°	2.4	Surface	6/1/71	1315	2,300	51
Plot 2	325°	2.4	6 inches	6/1/71	1315	1,900	260
Plot 3	321°	3.0	Surface	6/1/71	1355	2,200	24
Plot 4	305°	4.0	Surface	6/1/71	1455	2,300	62
Plot 8	307°	6.4	Surface	6/1/71	1530	1,800	54
Plot 9	340°	3.7	Surface	6/2/71	1110	2,300	67
Plot 11	254°	14	Surface	6/2/71	1500	1,800	50

*Wet Weight

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*All results in form of computer printouts are given in exponential notation, i.e., the number following an "E" is the exponent of ten by which the preceding number should be multiplied. The letters "LT" preceding a number indicates less than, "NA" indicates no analysis, and "ND" indicates not detected. Unless otherwise noted, results are in picocuries per unit of size, except for K which is grams per unit of size. Two-sigma counting errors are given in parentheses when available.

MILK SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLOPADO REPORTED 75/05/21 3H
PC1/L

COLLBRAN COLO - C W YOUNG DAIRY 7.6E02
90059 12 6992 DATE- 10 08 70 0600

SIZE- .350 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

131T LT(10)

137CS LT(10)

K 1.5E00

COLLBRAN COLO - C W YOUNG DAIRY 8.5E02
90884 12 6992 DATE- 11 04 70 0600

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

COLLBRAN COLO - C W YOUNG DAIRY 6.6E02
95328 12 6292 DATE- 12 21 70 0800

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

COLLBRAN COLO - C W YOUNG DAIRY 7.1E02
98584 12 6992 DATE- 02 25 71 0600

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

COLLBRAN COLO - C W YOUNG DAIRY 1.3E03
99559 12 6292 DATE- 03 24 71 1500

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

COLLBRAN COLO - C W YOUNG DAIRY 5.2E02
100933 12 6292 DATE- 04 27 71 0500

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

MTLK SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO REPORTED 75/05/27 BH
PCIV/L

COLLBRAN COLO - WILLIAM C EARLEY RANCH 6.9E02
90051 13 6992 DATE- 10 08 70 0500

SIZE- .350 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
131I LT(10)
137CS LT(10)
K 1.1E00

COLLBRAN COLO - BERT GRIFFITH RANCH 5.2E02
98630 13 1232 DATE- 02 25 71 1800

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

COLLBRAN COLO - ARTHUR LINN RANCH 1.4E03
90056 13 6292 DATE- 10 08 70 1130

SIZE- .400 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
131I LT(100)
137CS LT(100)

COLLBRAN COLO - ARTHUR LINN RANCH 1.0E03
90856 13 6292 DATE- 11 05 70 0600

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

COLLBRAN COLO - ARTHUR LINN RANCH 8.4E02
95327 13 6292 DATE- 12 21 70 0600

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

COLLBRAN COLO - ARTHUR LINN RANCH 1.3E03
99561 13 6792 DATE- 03 25 71 0600

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

MILK SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/27	3H PCI/L
COLLBRAN COLO - ARTHUR LINN RANCH 100932 13 6992 DATE- 04 27 71 0600 SIZE- .005 L		9.1E02	
-ANALYSIS---RESULT---2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
DEBEQUE COLO - C L RICKSTREW RANCH 90060 13 7242 DATE- 10 10 70 0600 SIZE- .400 L		1.3E03	
-ANALYSIS---RESULT---2SIGMA---UNITS---			
131I LT(100)			
137CS LT(100)			
GLENWOOD SPRGS COLO- ROCK-N-PINES DAIRY 90063 12 6992 DATE- 10 09 70 0600 SIZE- 3.50 L		7.6E02	
-ANALYSIS---RESULT---2SIGMA---UNITS---			
131I LT(10)			
137CS LT(10)			
K 1.5E00			
GRAND VALLEY COLO - A L MCLANE RANCH 90053 13 4232 DATE- 10 09 70 0600 SIZE- 3.50 L		7.6E02	
-ANALYSIS---RESULT---2SIGMA---UNITS---			
131I LT(10)			
137CS LT(10)			
K 1.5E00			
GRAND VALLEY COLO - A L MCLANE RANCH 90896 13 1232 DATE- 11 05 70 0600 SIZE- .005 L		7.5E02	
-ANALYSIS---RESULT---2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - A L MCLANE RANCH 95364 13 6262 DATE- 12 21 70 0600 SIZE- .005 L		1.0E03	
-ANALYSIS---RESULT---2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			

MILK SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO REPORTED 75/05/27 3H
PC1/L

GRAND VALLEY COLO - A L MCLANE RANCH 1.1E03
98585 13 6262 DATE- 02 25 71 0600
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY COLO - A L MCLANE RANCH 8.7E02
99494 13 6262 DATE- 03 23 71 0600
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY COLO - A L MCLANE RANCH 7.8E02
100928 13 1232 DATE- 04 27 71 0600
SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY COLO - EDWARD FORSHEE RES LT4E02
90050 13 6292 DATE- 10 09 70 0600
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
1311 LT(10)
137CS LT(10)
K 1.4E00

GRAND VALLEY COLO - EDWARD FORSHEE RES 4.8E02
95365 13 1232 DATE- 12 21 70 0600
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY COLO - EDWARD FORSHEE RES LT4E02
98632 13 1232 DATE- 02 26 71 0600
SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

MILK SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO REPORTED 75/05/27 3H
PCI/L

GRAND VALLEY COLO - EDWARD FORSHEE RES 4.8E02
99560 13 1232 DATE- 03 24 71 1000
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY COLO - EDWARD FORSHEE RES LT4E02
100931 13 1232 DATE- 04 28 71 0600
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

MESA COLO - RUPERT WASSON RANCH 8.5E02
90054 13 6992 DATE- 10 08 70 0600
SIZE- .400 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
131I LT(100)
137CS LT(100)

MOLINA COLO - GLEN TAYLOR DAIRY 7.9E02
90052 12 6992 DATE- 10 08 70 0600
SIZE- 3.50 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
131I LT(10)
137CS LT(10)
K 1.4E00

RIFLE COLO - ALEX C URQUHART DAIRY 1.6E03
90058 12 6992 DATE- 10 09 70 1800
SIZE- 3.50 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
131I LT(10)
137CS 1.0E01
K 1.7E00

RIFLE COLO - ALEX C URQUHART DAIRY 1.3E03
90885 12 6992 DATE- 11 05 70 0600
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

MILK SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO REPORTED 75/05/27 3H
PCI/L

RIFLE COLO - ALEX C URQUHART DAIRY 1.3E03
95326 12 9992 DATE- 12 20 70 1800

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RIFLE COLO - ALEX C URQUHART DAIRY 1.3E03
98583 12 6992 DATE- 02 25 71 0600

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RIFLE COLO - ALEX C URQUHART DAIRY 9.1E02
99493 12 9992 DATE- 03 22 71 0600

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RIFLE COLO - ALEX C URQUHART DAIRY 9.2E02
100934 12 9992 DATE- 04 28 71 0600

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RULISON COLO - DONALD BURTARD RANCH 1.1E03
90061 13 8292 DATE- 10 09 70 0600

SIZE- 3.50 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

131I LT(10)

137CS 2.0E01

K 1.4E00

RULISON COLO - DONALD BURTARD RANCH 5.5E02
90897 13 1232 DATE- 11 05 70 0600

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

MILK SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO REPORTED 75/05/27 3H
PCI/L

RULISON COLO - DONALD BURTARD RANCH 6.8E02
95363 13 6262 DATE- 12 21 70 0600
SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---
NO
GAMMA
SCAN

RULISON COLO - DONALD BURTARD RANCH 8.4E02
99490 13 6282 DATE- 03 22 71 0600
SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---
NO
GAMMA
SCAN

RULISON COLO - DONALD BURTARD RANCH 8.4E02
100930 13 6242 DATE- 04 27 71 0600
SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---
NO
GAMMA
SCAN

RULISON COLO - FELIX S SEFCOVIC RANCH 8.4E02
90052 13 7242 DATE- 10 10 70 0600
SIZE- .400 L

-ANALYSIS---RESULT---2SIGMA---UNITS---
131I LT(100)
137CS LT(100)

RULISON COLO - FELIX S SEFCOVIC RANCH 8.7E02
90898 13 6992 DATE- 11 05 70 0600
SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---
NO
GAMMA
SCAN

RULISON COLO - FELIX S SEFCOVIC RANCH 9.6E02
95366 13 6992 DATE- 12 21 70 0600
SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---
NO
GAMMA
SCAN

MILK SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO REPORTED 75/05/27 3H
PCIV/L

RULISON COLO - FELIX S SEFCOVIC RANCH LT4E02
98634 13 6292 DATE- 02 26 71 0600
SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO
GAMMA
SCAN

RULISON COLO - FELIX S SEFCOVIC RANCH 6.6E02
99491 13 6292 DATE- 03 23 71 0600
SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO
GAMMA
SCAN

RULISON COLO - FELIX S SEFCOVIC RANCH 7.5E02
100929 13 6992 DATE- 04 27 71 0600
SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO
GAMMA
SCAN

SILT COLO - EARL RALEY RANCH 1.2E03
90895 13 1932 DATE- 11 05 70 0600
SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO
GAMMA
SCAN

SILT COLO - EARL RALEY RANCH 1.2E03
95325 13 1232 DATE- 12 21 70 0600
SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO
GAMMA
SCAN

SILT COLO - EARL RALEY RANCH 7.2E02
98631 13 6232 DATE- 02 26 71 0600
SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO
GAMMA
SCAN

MILK SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO REPORTED 75/05/27 3H
PCI/L

SILT COLO - EARL RALEY RANCH 9.1E02
99492 13 6292 DATE- 03 23 71 0600

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO
GAMMA
SCAN

SILT COLO - EARL RALEY RANCH 1.4E03
100926 13 1232 DATE- 04 27 71 0600

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO
GAMMA
SCAN

SILT COLO - RUFUS RALEY RANCH 1.1E03
90057 13 6232 DATE- 10 09 70 0600

SIZE- 3.50 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

131I LT(10)
137CS 1.0E01
K. 1.4E00

SILT COLO - JAMES A FULLER RANCH 1.2E03
90055 13 7242 DATE- 10 09 70 0600

SIZE- 3.50 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

131I LT(10)
137CS LT(10)
K. 1.0E00

SILT COLO - JAMES A FULLER RANCH 9.3E02
90883 13 1922 DATE- 11 05 70 0600

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO
GAMMA
SCAN

SILT COLO - JAMES A FULLER RANCH 1.2E03
95329 13 6292 DATE- 12 21 70 0600

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO
GAMMA
SCAN

MILK SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO REPORTED 75/05/27 3H
PCI/L

SILT COLO - JAMES A FULLER RANCH 8.6E02
98633 13 6992 DATE- 02 26 71 0600

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

SILT COLO - JAMES A FULLER RANCH 7.4E02
99558 13 6292 DATE- 03 24 71 0835

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

SILT COLO - JAMES A FULLER RANCH 1.3E03
100927 13 6292 DATE- 04 28 71 0600

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

SILT COLO - D D HAYWOOD RANCH LT4E02
90054 13 1232 DATE- 10 10 70 0600

SIZE- 3.50 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

1311 LT(10)

137CS 1.0E01

K 1.5E00

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED 75/06/09	3H PCT/L
CARBONDALE COLO - PHILLIPS 66 STATION 099120 24 1422 DATE- 19 10 70 1230 SIZE- 3.5L	LT4E02	
-ANALYSTS---RESULT---PSIGMA---UNITS---		
GAMMA		
SPECTRUM		
NEGIGIBLE		
CEDARWOOD COLO - COVOCO STATION 099164 27 5472 DATE- 19 09 70 1010 SIZE- 3.5L	1.1E03	
-ANALYSTS---RESULT---PSIGMA---UNITS---		
GAMMA		
SPECTRUM		
NEGIGIBLE		
COLLEGE COLO - D-PAP J CAFE 099065 27 1472 DATE- 11 08 70 1000 SIZE- 3.5L	9.8E02	
-ANALYSTS---RESULT---PSIGMA---UNITS---		
GAMMA		
SPECTRUM		
NEGIGIBLE		
COLLEGE COLO - D-PAP J CAFE 099083 27 1472 DATE- 11 04 70 1345 SIZE- .305 L	1.0E03	
-ANALYSTS---RESULT---PSIGMA---UNITS---		
NO		
GAMMA		
SCAN		
COLLEGE COLO - D-PAP J CAFE 095332 27 1472 DATE- 12 21 70 0705 SIZE- .305 L	1.0E03	
-ANALYSTS---RESULT---PSIGMA---UNITS---		
NO		
GAMMA		
SCAN		
COLLEGE COLO - D-PAP J CAFE 098597 27 1472 DATE- 02 25 71 1050 SIZE- .305 L	9.4E02	
-ANALYSTS---RESULT---PSIGMA---UNITS---		
NO		
GAMMA		
SCAN		

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO REPORTED 75765799 34
PCIZL

COLBRAN COLO - D BAR 1 CAFE 4.3E-02
090389 27 1472 DATE - 03 21 71 0815

SIZE - .005 L

-ANALYSTS---RESULT---PSIGMA---UNITS---

NO

GAMMA

SCAN

COLBRAN COLO - D BAR 1 CAFE 1.2E+03
100789 27 1472 DATE - 04 26 71 1345

SIZE - .005 L

-ANALYSTS---RESULT---PSIGMA---UNITS---

NO

GAMMA

SCAN

COLBRAN COLO - D BAR 1 CAFE 1.2E+03
103277 27 1472 DATE - 05 31 71 1040

SIZE - .005 L

-ANALYSTS---RESULT---PSIGMA---UNITS---

NO

GAMMA

SCAN

COLBRAN COLO - REPT GRIFFITH RANCH 4.1E-02
090159 27 5292 DATE - 10 08 70 1030

SIZE - 3.50 L

-ANALYSTS---RESULT---PSIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

COLBRAN COLO - VEGA RESERVOIR RESORT LT4E02
090156 22 1142 DATE - 10 08 70 1205

SIZE - 3.50 L

-ANALYSTS---RESULT---PSIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

COLBRAN COLO - BUZZARD CREEK 1.0E-03
090155 27 5272 DATE - 10 08 70 1205

SIZE - 3.50 L

-ANALYSTS---RESULT---PSIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED 75/06/09	3H PCU/L
COLIBRAN COLO - BUZZARD CREEK 090876 27 5272 DATE- 11 04 70 1430 SIZE- .005 L	9.1E02	
-ANALYSIS---RESULT----2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
COLIBRAN COLO - BUZZARD CREEK 095330 27 5272 DATE- 12 21 70 1050 SIZE- .005 L	6.9E02	
-ANALYSIS---RESULT----2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
COLIBRAN COLO - BUZZARD CREEK 098540 27 5272 DATE- 02 25 71 0900 SIZE- .005 L	1.2E03	
-ANALYSIS---RESULT----2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
COLIBRAN COLO - BUZZARD CREEK 099388 27 5272 DATE- 03 21 71 0755 SIZE- .005 L	7.7E02	
-ANALYSIS---RESULT----2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
COLIBRAN COLO - BUZZARD CREEK 100738 27 5272 DATE- 04 26 71 1130 SIZE- .005 L	LT4E02	
-ANALYSIS---RESULT----2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
COLIBRAN COLO - BUZZARD CREEK 103280 27 5272 DATE- 05 31 71 1200 SIZE- .005 L	1.0E03	
-ANALYSIS---RESULT----2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		

*WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO REPORTED 75/06/09 BH
PC/L

COLBRAN, COLO - PLATEAU CREEK 8.9E02
099058 27 8272 DATE= 16 08 70 1235
SIZE= .305 L

-ANALYSIS---RESULT---PSIGMA---UNITS---
GAMMA
SPECTRUM
NEGLISBLE

COLBRAN, COLO - PLATEAU CREEK 1.1E03
099881 27 8272 DATE= 11 04 70 1505
SIZE= .005 L

-ANALYSIS---RESULT---PSIGMA---UNITS---
NO
GAMMA
SCAN

COLBRAN, COLO - PLATEAU CREEK 1.1E03
099353 27 8272 DATE= 12 21 70 0700
SIZE= .005 L

-ANALYSIS---RESULT---PSIGMA---UNITS---
NO
GAMMA
SCAN

COLBRAN, COLO - PLATEAU CREEK 9.9E02
098594 27 8372 DATE= 02 25 71 0800
SIZE= .005 L

-ANALYSIS---RESULT---PSIGMA---UNITS---
NO
GAMMA
SCAN

COLBRAN, COLO - PLATEAU CREEK 6.6E02
099356 27 8272 DATE= 03 21 71 0715
SIZE= .005 L

-ANALYSIS---RESULT---PSIGMA---UNITS---
NO
GAMMA
SCAN

COLBRAN, COLO - PLATEAU CREEK 9.9E02
100727 27 8272 DATE= 04 26 71 1330
SIZE= .005 L

-ANALYSIS---RESULT---PSIGMA---UNITS---
NO
GAMMA
SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/09	34
			PC/L
COLIBRAN COLO - PLATEAU CREEK 103269 27 5292 DATE- 05 31 71 1045 SIZE- .005 L		8.6E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
COLIBRAN COLO - BRUSH CREEK 090111 27 5292 DATE- 10 08 70 1035 SIZE- 3.50 L		6.4E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---			
GAMMA			
SPECTRA			
NEGLIGIBLE			
COLIBRAN COLO - BRUSH CREEK 090879 27 5292 DATE- 11 04 70 1445 SIZE- .005 L		8.7E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
COLIBRAN COLO - BRUSH CREEK 095331 27 5292 DATE- 12 21 70 1015 SIZE- .005 L		6.2E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
COLIBRAN COLO - BRUSH CREEK 098598 27 5292 DATE- 02 25 71 1000 SIZE- .005 L		9.5E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
COLIBRAN COLO - BRUSH CREEK 099384 27 5292 DATE- 03 21 71 0740 SIZE- .005 L		4.8E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED 75/06/09	34 PCI/L
COLBRAN COLO - BRUSH CREEK 100786 27 5292 DATE - 04 26 71 1200 SIZE - .005 L	5.9E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
COLBRAN COLO - BRUSH CREEK 103275 27 5292 DATE - 05 31 71 1130 SIZE - .005 L	1.1E03	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
COLBRAN COLO - VEGA PSVR TURN-OFF 090115 27 5292 DATE - 10 08 70 1220 SIZE - 3.50 L	6.3E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
GAMMA		
SPECTRUM		
NEGLIGIBLE		
DEREQUE COLO - SINCLAIR STATION 090118 24 1422 DATE - 10 10 70 0720 SIZE - 3.50 L	7.5E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
GAMMA		
SPECTRUM		
NEGLIGIBLE		
DEREQUE COLO - SINCLAIR STATION 090903 24 1422 DATE - 11 06 70 0430 SIZE - .005 L	8.7E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
DEREQUE COLO - COLORADO RIVER 090119 22 5222 DATE - 10 10 70 0715 SIZE - 3.50 L	8.4E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
GAMMA		
SPECTRUM		
NEGLIGIBLE		

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/05/09

3H.
PC/L

DFBQUE COLO - COLORADO RIVER 1.0E03

099904 22 5202 DATE- 11 06 70 0940
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

DFBQUE COLO - COLORADO RIVER 1.2E03

095358 22 5202 DATE- 12 20 70
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

DFBQUE COLO - COLORADO RIVER 6.1E02

098636 22 5202 DATE- 02 25 71 1515
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

DFBQUE COLO - COLORADO RIVER 8.8E02

099385 22 5202 DATE- 03 21 71 1355
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

DFBQUE COLO - COLORADO RIVER 7.7E02

100790 22 5202 DATE- 04 26 71 1515
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

DFBQUE COLO - COLORADO RIVER 1.3E03

103273 22 5202 DATE- 06 01 71 1600
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED 75/05/09	3H PCI/L
GLENWOOD SPRINGS COLO - PHTELTPS-64 STA 090116 24 1422 DATE - 10 10 79 1400 SIZE - 3.50 L	8.3E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
GAMMA		
SPECTRUM		
NEGLECTIBLE		
GRAND MESA COLO - BEAVER LAKE 090117 21 4122 DATE - 10 08 79 1450 SIZE - 3.50 L	4.6E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
GAMMA		
SPECTRUM		
NEGLECTIBLE		
GRAND MESA COLO - JIMRO LAKE 090114 21 5122 DATE - 10 08 79 1425 SIZE - 3.50 L	LT4E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
GAMMA		
SPECTRUM		
NEGLECTIBLE		
GRAND VALLEY COLO C. HAYWARD CARIN 090831 27 8772 DATE - 11 05 79 1510 SIZE - .005 L	LT4E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
GRAND VALLEY COLO - DAN DUPLEX RANCH 090117 24 8432 DATE - 10 08 79 1610 SIZE - 3.50 L	LT4E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
GAMMA		
SPECTRUM		
NEGLECTIBLE		
GRAND VALLEY COLO - DAN DUPLEX RANCH 090831 24 8432 DATE - 11 05 79 1010 SIZE - .005 L	8.4E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/05/09

34

PCU/L

GRAND VALLEY, COLO - DAN DUPLICE RANCH LT4E02
095362 24 8432 DATE- 12 21 70 0700
SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY, COLO - DAN DUPLICE RANCH LT4E02
098596 24 8432 DATE- 02 24 71 1400
SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY, COLO - DAN DUPLICE RANCH LT4E02
099343 24 8432 DATE- 03 21 71 1145
SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY, COLO - DAN DUPLICE RANCH LT4E02
100792 24 8432 DATE- 04 26 71 1120
SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY, COLO - SINCLAIR STATION LT4E02
090069 24 1422 DATE- 10 09 70 1650
SIZE- 3.50 L

-ANALYSTS---RESULT---2SIGMA---UNITS---
GAMMA
SPECTRUM
NEGLIGIBLE

GRAND VALLEY, COLO - SINCLAIR STATION LT4E02
090894 24 1422 DATE- 11 05 70 1150
SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---
NO
GAMMA
SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED 75/06/99	34 PCU/L
GRAND VALLEY COLO - SINCLAIR STATION 095354 24 1422 DATE- 12 20 70 1705 SIZE- .005 L	LT4E02	
-ANALYSTS---RESULT----2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
GRAND VALLEY COLO - SINCLAIR STATION 098637 24 1422 DATE- 02 28 71 1330 SIZE- .005 L	LT4E02	
-ANALYSTS---RESULT----2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
GRAND VALLEY COLO - SINCLAIR STATION 099381 24 1422 DATE- 03 21 71 1325 SIZE- .005 L	LT4E02	
-ANALYSTS---RESULT----2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
GRAND VALLEY COLO - SINCLAIR STATION 100793 24 1422 DATE- 04 26 71 1440 SIZE- .005 L	LT4E02	
-ANALYSTS---RESULT----2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
GRAND VALLEY COLO - SINCLAIR STATION 103271 24 1422 DATE- 06 02 71 1400 SIZE- .005 L	4.1E02	
-ANALYSTS---RESULT----2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
GRAND VALLEY COLO - MARIE ZEDICKER RES 090203 24 1472 DATE- 10 09 70 1210 SIZE- 3.5G L	LT4E02	
-ANALYSTS---RESULT----2SIGMA---UNITS---		
GAMMA		
SPECTRUM		
NEGLIGIBLE		

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO REPORTED 75/06/09 3H
PCT/L

GRAND VALLEY COLO - EDWARD FORSHEF RES LT4E02
090057 24 1472 DATE - 10 09 70 1100

SIZE - 3.50 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

GRAND VALLEY COLO - EDWARD FORSHEF RES LT4E02
090849 24 1472 DATE - 11 05 70 1125

SIZE - .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - EDWARD FORSHEF RES LT4E02
095349 24 1472 DATE - 12 21 70 1250

SIZE - .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - EDWARD FORSHEF RES LT4E02
092542 24 1472 DATE - 02 25 71 0815

SIZE - .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - EDWARD FORSHEF RES LT4E02
099497 24 1472 DATE - 03 23 71 0950

SIZE - .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - EDWARD FORSHEF RES LT4E02
100939 24 1472 DATE - 04 27 71 1055

SIZE - .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/05/09

3H
PCIV/L

GRAND VALLEY COLO - EDWARD FORSHEF RES 103272 24 1472 DATE- 06 02 71 1025 LT4E02
SIZE- .065 L

-ANALYSTS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 1.1E03
089729 22 8212 ON- 10 03 70 1550

SIZE- .400 L OFF- 10 04 70 1400
-ANALYSTS---RESULT----2SIGMA---UNITS---
GAMMA
SPECTRUM
NEGIGIBLE

GRAND VALLEY COLO - BATTLEMENT CREEK 1.2E03
089730 22 8212 ON- 10 04 70 1400

SIZE- 3.50 L OFF- 10 05 70 1750
-ANALYSTS---RESULT----2SIGMA---UNITS---
GAMMA
SPECTRUM
NEGIGIBLE

GRAND VALLEY COLO - BATTLEMENT CREEK 1.0E03
089858 22 8212 DATE- 10 07 70 1030

SIZE- .400 L
-ANALYSTS---RESULT----2SIGMA---UNITS---
GAMMA
SPECTRUM
NEGIGIBLE

GRAND VALLEY COLO - BATTLEMENT CREEK 7.3E02
090110 22 8212 DATE- 10 08 70 1230

SIZE- 3.50 L
-ANALYSTS---RESULT----2SIGMA---UNITS---
GAMMA
SPECTRUM
NEGIGIBLE

GRAND VALLEY COLO - BATTLEMENT CREEK 5.8E02
090462 22 8212 DATE- 10 15 70 1330

SIZE- .400 L
-ANALYSTS---RESULT----2SIGMA---UNITS---
GAMMA
SPECTRUM
NEGIGIBLE

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO REPORTED 75/06/09 3H
PCU/L

GRAND VALLEY COLO - BATTLEMENT CREEK 4.9E02
090443 22 8212 DATE- 10 17 70 0650

SIZE- .400 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

GRAND VALLEY COLO - BATTLEMENT CREEK 5.2E02
090444 22 8212 DATE- 10 18 70 0650

SIZE- .400 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

GRAND VALLEY COLO - BATTLEMENT CREEK LT4E02
090455 22 8212 DATE- 10 19 70 0730

SIZE- 3.50 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

GRAND VALLEY COLO - BATTLEMENT CREEK LT4E02
090476 22 8212 DATE- 10 20 70 0730

SIZE- 3.50 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

GRAND VALLEY COLO - BATTLEMENT CREEK LT4E02
090512 22 8212 DATE- 10 21 70 0745

SIZE- 3.50 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

GRAND VALLEY COLO - BATTLEMENT CREEK 8.8E02
090552 22 8212 DATE- 10 22 70 0745

SIZE- 3.50 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/09	3H PC/L
GRAND VALLEY COLO - BATTLEMENT CREEK		5.4E02	
090553 22 8212	DATE - 10 23 70	0745	
SIZE - .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
GAMMA			
SPECTRUM			
NEGLIGIBLE			
GRAND VALLEY COLO - BATTLEMENT CREEK		5.6E02	
090651 22 8212	DATE - 10 24 70		
SIZE - .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK		7.0E02	
090663 22 8212	DATE - 10 25 70	0820	
SIZE - .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK		5.1E02	
090664 22 8212	DATE - 10 26 70	0745	
SIZE - .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK		8.1E02	
090665 22 8212	DATE - 10 27 70	1700	
SIZE - .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK		8.7E02	
090743 22 8212	DATE - 10 28 70	1730	
SIZE - .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/09	3H PCI/L
GRAND VALLEY COLO - BATTLEMENET CREEK 090749 22 8212 DATE- 10 29 70 1700	8.4E02		
SIZE- .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENET CREEK 090750 22 8212 DATE- 10 30 70	9.2E02		
SIZE- .005 L			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENET CREEK 090718 22 8212 DATE- 10 31 70 1200	4.4E02		
SIZE- .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENET CREEK 090717 22 8212 DATE- 11 01 70 1200	8.9E02		
SIZE- .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENET CREEK 090821 22 8212 DATE- 11 02 70 1130	5.8E02		
SIZE- .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENET CREEK 090819 22 8212 DATE- 11 03 70 1130	5.2E02		
SIZE- .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO REPORTED 75/06/09 3H
PCI/L

GRAND VALLEY COLO - RATTLEMENT CREEK 5.0E02
090820 22 82 DATE- 11 04 70 1300

SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - RATTLEMENT CREEK 9.6E02
090822 22 8212 DATE- 11 05 70 1400

SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - RATTLEMENT CREEK 4.5E02
093405 22 8212 DATE- 11 30 70 1550

SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - RATTLEMENT CREEK 5.0E02
093406 22 8212 DATE- 12 01 70 1600

SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - RATTLEMENT CREEK 6.4E02
093424 22 8212 DATE- 12 02 70 1100

SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - RATTLEMENT CREEK 5.1E02
093474 22 8212 DATE- 12 03 70 1800

SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H
PCIV/L

GRAND VALLEY COLO - BATTLEMENT CREEK 4.5E02
093475 22 8212 DATE- 12 04 70 1200

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK LT4E02
093476 22 8212 DATE- 12 05 70 1130

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.0E02
093477 22 8212 DATE- 12 06 70 1145

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 6.3E02
093540 22 8212 DATE- 12 07 70 1520

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 6.7E02
093555 22 8212 DATE- 12 08 70 1115

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 6.4E02
093622 22 8212 DATE- 12 09 70 1450

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H
PCI/L

GRAND VALLEY COLO - BATTLEMENT CREEK 7.3E02
093621 22 8212 DATE- 12 10 70 1105

SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.7E02
093685 22 8212 DATE- 12 11 70 1200

SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 1.0E03
093696 22 8212 DATE- 12 12 70 1040

SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.0E02
093647 22 8212 DATE- 12 13 70 1315

SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.2E02
093721 22 8212 DATE- 12 14 70 1145

SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 7.4E02
093771 22 8212 DATE- 12 15 70 1215

SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/09	3H PCJ/L
GRAND VALLEY COLO - BATTLEMENT CREEK 093772 22 8212 DATE- 12 16 70 1305 SIZE- .005 L	7.8E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 093950 22 8212 DATE- 12 17 70 1335 SIZE- .005 L	7.9E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 093951 22 8212 DATE- 12 18 70 1335 SIZE- .005 L	9.8E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 095333 22 8212 DATE- 12 19 70 1350 SIZE- .005 L	LT4E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 095357 22 8212 DATE- 12 20 70 1425 SIZE- .005 L	9.5E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 095368 22 8212 DATE- 12 21 70 0750 SIZE- .005 L	6.6E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H
PCI/L

GRAND VALLEY COLO - BATTLEMENT CREEK 6.2E02
096901 22 8212 DATE- 02 01 71 1220
SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 5.5E02
096902 22 8212 DATE- 02 02 71 1230
SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 6.5E02
096907 22 8212 DATE- 02 03 71 1040
SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 7.4E02
098130 22 8212 DATE- 02 04 71 1305
SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 5.8E02
098131 22 8212 DATE- 02 05 71 1125
SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 9.3E02
098132 22 8212 DATE- 02 06 71 1345
SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/09	3H PCT/L
GRAND VALLEY COLO - BATTLEMENT CREEK 098133 22 8212	DATE -	02 07 71 1310	1.0E03
SIZE - .005 L			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 098211 22 8212	DATE -	02 08 71 1435	4.0E02
SIZE - .005 L			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 098212 22 8212	DATE -	02 09 71 1235	5.7E02
SIZE - .005 L			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 098258 22 8212	DATE -	02 10 71 1600	5.4E02
SIZE - .005 L			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 098259 22 8212	DATE -	02 11 71 1310	6.3E02
SIZE - .005 L			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 098346 22 8212	DATE -	02 12 71 0735	4.1E02
SIZE - .005 L			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO REPORTED 75/06/09 3H
PCI/L

GRAND VALLEY COLO - BATTLEMENT CREEK 6.2E02
098347 22 8212 DATE- 02 13 71 1120
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 6.7E02
098348 22 8212 DATE- 02 14 71 1345
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 9.5E02
098349 22 8212 DATE- 02 15 71 1115
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 5.5E02
098410 22 8212 DATE- 02 16 71 1345
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 6.3E02
098411 22 8212 DATE- 02 17 71 1220
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 7.6E02
098468 22 8212 DATE- 02 18 71 1315
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H
PCI/L

GRAND VALLEY COLO - BATTLEMENT CREEK 6.9E02
098469 22 8212 DATE- 02 19 71 1235

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 5.4E02
098470 22 8212 DATE- 02 20 71 1045

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 4.4E02
098547 22 8212 DATE- 02 21 71 1200

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 6.0E02
098548 22 8212 DATE- 02 22 71 1225

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.9E02
098546 22 8212 DATE- 02 23 71 1115

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.4E02
098587 22 8212 DATE- 02 24 71 1105

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO REPORTED 75/06/09 3H
PCI/LGRAND VALLEY COLO - BATTLEMENT CREEK 7.1E02
098588 22 8212 DATE- 02 25 71 1145

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.6E02
098639 22 8212 DATE- 02 26 71 1150

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 1.1E03
098640 22 8212 DATE- 02 27 71 1130

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 1.0E03
098641 22 8212 DATE- 02 28 71 1315

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 7.0E02
098724 22 8212 DATE- 03 01 71 1210

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 6.2E02
098779 22 8212 DATE- 03 02 71 1315

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/09	3H PCI/L
GRAND VALLEY COLO - BATTLEMENT CREEK 098780 22 8212 DATE- 03 03 71 0900 SIZE- .005 L	4.2E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 098885 22 8212 DATE- 03 04 71 1140 SIZE- .005 L	4.1E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 098886 22 8212 DATE- 03 05 71 1230 SIZE- .005 L	4.0E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 098887 22 8212 DATE- 03 06 71 1125 SIZE- .005 L	5.1E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 098888 22 8212 DATE- 03 07 71 1020 SIZE- .005 L	6.9E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 099010 22 8212 DATE- 03 08 71 1025 SIZE- .005 L	9.1E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			

•WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H

PCI/L

GRAND VALLEY COLO - BATTLEMENT CREEK 8.4E02
099011 22 8212 DATE- 03 09 71 1430
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 7.1E02
099116 22 8212 DATE- 03 10 71 1305
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 6.6E02
099117 22 8212 DATE- 03 11 71 1055
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.3E02
099172 22 8212 DATE- 03 12 71 1415
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 6.6E02
099173 22 8212 DATE- 03 13 71 1100
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.8E02
099174 22 8212 DATE- 03 14 71 1300
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H

PCI/L

GRAND VALLEY COLO - BATTLEMENT CREEK
099231 22 8212 DATE- 03 15 71 1220
SIZE- .005 L

6.1E02

-ANALYSIS---RESULT---?SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK
099293 22 8212 DATE- 03 16 71 1115
SIZE- .005 L

7.8E02

-ANALYSIS---RESULT---?SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK
099294 22 8212 DATE- 03 17 71 1210
SIZE- .005 L

7.5E02

-ANALYSIS---RESULT---?SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK
099375 22 8212 DATE- 03 18 71 1230
SIZE- .005 L

6.5E02

-ANALYSIS---RESULT---?SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK
099376 22 8212 DATE- 03 19 71 1640
SIZE- .005 L

8.1E02

-ANALYSIS---RESULT---?SIGMA---UNITS---
NO
GAMMA
SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK
099377 22 8212 DATE- 03 20 71 1245
SIZE- .005 L

7.6E02

-ANALYSIS---RESULT---?SIGMA---UNITS---
NO
GAMMA
SCAN

* WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H

PCI/L

GRAND VALLEY COLO - BATTLEMENT CREEK 8.3E02
099378 22 8212 DATE- 03 21 71 1305

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 1.0E03
099489 22 8212 DATE- 03 22 71 1140

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 9.8E02
099498 22 8212 DATE- 03 23 71 1245

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.2E02
099554 22 8212 DATE- 03 24 71 1250

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.9E02
099555 22 8212 DATE- 03 25 71 1055

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.1E02
099622 22 8212 DATE- 03 26 71 1245

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/09	3H PCI/L
GRAND VALLEY COLO - RATTLEMENT CREEK 099658 22 8212 DATE- 03 29 71 1235 SIZE- .005 L			4.9E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - RATTLEMENT CREEK 099691 22 8212 DATE- 03 31 71 1040 SIZE- .005 L			1.0E03
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - RATTLEMENT CREEK 099733 22 8212 DATE- 04 02 71 1040 SIZE- .005 L			8.5E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - RATTLEMENT CREEK 099884 22 8212 DATE- 04 05 71 1010 SIZE- .005 L			1.0E03
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 099999 22 8212 DATE- 04 07 71 1150 SIZE- .005 L			1.2E03
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 100077 22 8212 DATE- 04 09 71 1525 SIZE- .005 L			6.0E02
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			

*WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/09	3H PCI/L
GRAND VALLEY COLO - BATTLEMENT CREEK 100240 22 8212 DATE- 04 12 71 1210 SIZE- .005 L	7.1E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 100328 22 8212 DATE- 04 14 71 1030 SIZE- .005 L	9.6E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 100450 22 8212 DATE- 04 16 71 1300 SIZE- .005 L	1.4E03		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 100570 22 8212 DATE- 04 19 71 1510 SIZE- .005 L	8.9E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 100642 22 8212 DATE- 04 21 71 1155 SIZE- .005 L	9.1E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO - BATTLEMENT CREEK 100782 22 8212 DATE- 04 23 71 1110 SIZE- .005 L	9.3E02		
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H
PCI/L

GRAND VALLEY COLO - BATTLEMENT CREEK 6.8E02
100783 22 8212 DATE- 04 26 71 1015

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 6.8E02
101136 22 8212 DATE- 05 02 71 0905

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 1.6E03
101528 22 8212 DATE- 05 10 71 1430

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 9.2E02
101743 22 8212 DATE- 05 16 71 1645

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 1.2E03
101967 22 8212 DATE- 05 24 71 1620

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.5E02
103283 22 8212 DATE- 05 30 71 1000

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H
PCI/L

GRAND VALLEY COLO - BATTLEMENT CREEK 1.3E03
103610 22 8212 DATE- 06 06 71 1200

SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 1.2E03
104178 22 8212 DATE- 06 12 71 1325

SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 1.3E03
104653 22 8212 DATE- 06 20 71 1015

SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 1.4E03
104732 22 8212 DATE- 06 27 71 0925

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.1E02
105232 22 8212 DATE- 07 11 71 0645 (3.4E02)

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO-GAMMA-SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 9.5E02
105579 22 8212 DATE- 07 25 71 1005 (3.3E02)

SIZE- .005 L

-ANALYSTS---RESULT----2SIGMA---UNITS---

NO-GAMMA-SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 8.8E02
105675 22 8212 DATE- 08 07 71 0730 (3.4E02)

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO-GAMMA-SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H
PCI/L

GRAND VALLEY COLO - BATTLEMENT CREEK 1.1E03
106095 22 8212 DATE- 08 22 71 1625 (3.4E02)
SIZE- .005 L

GRAND VALLEY COLO - BATTLEMENT CREEK 5.8E02
107387 22 8212 DATE- 10 23 71 0745 (3.3E02)
SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---
NO-GAMMA-SCAN

GRAND VALLEY COLO - BATTLEMENT CREEK 6.2E02
110223 22 8212 DATE- 01 22 72 0730 (3.4E02)
SIZE- .005 L

GRAND VALLEY COLO - BATTLEMENT CREEK 7.1E02
112457 22 8212 DATE- 04 23 72 1035 (2.3E02)
SIZE- .010 L

GRAND VALLEY COLO - PARACHUTE CREEK LT4E02
090072 22 8222 DATE- 10 08 70 1700
SIZE- 3.50 L

-ANALYSTS---RESULT---2SIGMA---UNITS---
GAMMA
SPECTRUM
NEGIGIBLE

GRAND VALLEY COLO - CR ABOVE TEST WELL 4.8E02
089732 22 8212 ON- 10 03 70 1540
SIZE- .400 L OFF- 10 04 70 1500

-ANALYSTS---RESULT---2SIGMA---UNITS---
GAMMA
SPECTRUM
NEGIGIBLE

GRAND VALLEY COLO - CR ABOVE TEST WELL 8.0E02
089731 22 8212 ON- 10 04 70 1500
SIZE- 3.50 L OFF- 10 05 70 1625

-ANALYSTS---RESULT---2SIGMA---UNITS---
GAMMA
SPECTRUM
NEGIGIBLE

GRAND VALLEY COLO - CR ABOVE TEST WELL 1.4E03
089897 22 8212 DATE- 10 07 70 1015
SIZE- .400 L

-ANALYSTS---RESULT---2SIGMA---UNITS---
GAMMA
SPECTRUM
NEGIGIBLE

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO REPORTED 75/06/09 3H
PCI/L

GRAND VALLEY COLO - CR ABOVE TEST WELL 8.0E02
090109 22 8212 DATE- 10 08 70 1200

SIZE- .350 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

GRAND VALLEY COLO - CR ABOVE TEST WELL 8.7E02
100800 22 8212 DATE- 04 26 71 1000

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - CR ABOVE TEST WELL 1.1E03
101134 22 8212 DATE- 05 02 71 0935

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - CR ABOVE TEST WELL 1.1E03
101527 22 8212 DATE- 05 10 71 1500

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - CR ABOVE TEST WELL 1.1E03
101742 22 8212 DATE- 05 16 71 1700

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - CR ABOVE TEST WELL 8.0E02
101968 22 8212 DATE- 05 25 71 0610

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO REPORTED 75/06/09 3H
PCI/L

GRAND VALLEY COLO - CR ABOVE TEST WELL 1.1E03
103284 22 8212 DATE- 05 30 71 0945

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - CR ABOVE TEST WELL LT4E02
103612 22 8212 DATE- 06 06 71 1140

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - CR ABOVE TEST WELL 1.2E03
104177 22 8212 DATE- 06 12 71 1255

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - CR ABOVE TEST WELL 1.2E03
104652 22 8212 DATE- 06 20 71 1000

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - CR ABOVE TEST WELL 6.7E02
104783 22 8212 DATE- 06 27 71 0935

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO - CR ABOVE TEST WELL 8.0E02
105203 22 8212 DATE- 07 11 71 0820 (3.4E02)

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO-GAMMA-SCAN

GRAND VALLEY COLO - CR ABOVE TEST WELL 7.0E02
105580 22 8212 DATE- 07 25 71 0955 (3.2E02)

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO-GAMMA-SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H

PCI/L

GRAND VALLEY COLO - CR ABOVE TEST WELL
 105676 22 8212 DATE- 08 07 71 0750 6.2E02
 SIZE- .005 L (3.2E02)

-ANALYSIS---RESULT---2SIGMA---UNITS---
 NO-GAMMA-SCAN

GRAND VALLEY COLO - CR ABOVE TEST WELL
 106097 22 8212 DATE- 08 22 71 1605 3.9E02
 SIZE- .005 L (3.2E02)

GRAND VALLEY COLO - CR ABOVE TEST WELL
 107388 22 8212 DATE- 10 23 71 0725 LT3.4E02
 SIZE- .005 L
 -ANALYSTS---RESULT---2SIGMA---UNITS---
 NO-GAMMA-SCAN

GRAND VALLEY COLO - CR ABOVE TEST WELL
 110224 22 8212 DATE- 01 22 72 0745 5.5E02
 SIZE- .005 L (3.3E02)

GRAND VALLEY COLO - CR ABOVE TEST WELL
 112456 22 8212 DATE- 04 23 72 1100 5.5E02
 SIZE- .010 L (2.3E02)

GRAND VALLEY COLO - CFR WATER WELL
 090070 23 0332 DATE- 10 09 70 1345 4.8E02
 SIZE- 3.50 L
 -ANALYSTS---RESULT---2SIGMA---UNITS---
 GAMMA
 SPECTRUM
 NEGLIGIBLE

GRAND VALLEY COLO - WALLACE CREEK
 090204 24 8222 DATE- 10 09 70 1600 LT4E02
 SIZE- 3.50 L
 -ANALYSTS---RESULT---2SIGMA---UNITS---
 GAMMA
 SPECTRUM
 NEGLIGIBLE

GRAND VALLEY COLO - WALLACE CREEK
 090878 22 8222 DATE- 11 05 70 1535 7.1E02
 SIZE- .005 L
 -ANALYSIS---RESULT---2SIGMA---UNITS---
 NO
 GAMMA
 SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H

PCI/L

GRAND VALLEY COLO - WALLACE CREEK
095334 22 8222 DATE- 12 20 70 1720
SIZE- .005 L
-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

LT4E02

GRAND VALLEY COLO - WALLACE CREEK
098635 22 8222 DATE- 02 25 71 1500
SIZE- .005 L
-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

LT4E02

GRAND VALLEY COLO - WALLACE CREEK
099379 22 8222 DATE- 03 21 71 1340
SIZE- .005 L
-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

LT4E02

GRAND VALLEY COLO - WALLACE CREEK
100798 22 8222 DATE- 04 26 71 1500
SIZE- .005 L
-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

5.2E02

GRAND VALLEY COLO CLAUDE HAYWARD/CARIN
100489 27 8772 DATE- 04 18 71 1305
SIZE- .005 L
-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

4.5E02

GRAND VALLEY COLO CLAUDE HAYWARD/CARIN
100791 27 8772 DATE- 04 26 71 1010
SIZE- .005 L
-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

LT4E02

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H

PCI/L

GRAND VALLEY COLO CLAUDE HAYWARDCABIN

4.1E02

101135 27 8772 DATE- 05 02 71 0925

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO CLAUDE HAYWARDCABIN

7.1E02

101529 27 8772 DATE- 05 10 71 1450

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO CLAUDE HAYWARDCABIN

LT4E02

101741 27 8772 DATE- 05 16 71 1650

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO CLAUDE HAYWARDCABIN

LT4E02

101969 27 8772 DATE- 05 24 71 1605

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO CLAUDE HAYWARDCABIN

LT4E02

103285 27 8772 DATE- 05 30 71 0950

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

GRAND VALLEY COLO CLAUDE HAYWARDCABIN

LT4E02

103611 27 8772 DATE- 06 06 71 1150

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/09	3H PCI/L
GRAND VALLEY COLO CLAUDE HAYWARDCARIN 104179 27 8772 DATE- 06 12 71 1310 SIZE- .005 L			4.2E02
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO CLAUDE HAYWARDCARIN 104651 27 8772 DATE- 06 20 71 1005 SIZE- .005 L			LT4E02
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO CLAUDE HAYWARDCARIN 104781 27 8772 DATE- 06 27 71 0940 SIZE- .005 L			6.0E02
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
GRAND VALLEY COLO CLAUDE HAYWARDCARIN 105201 27 8772 DATE- 07 11 71 0835 SIZE- .005 L			3.6E02 (3.3E02)
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO-GAMMA-SCAN			
GRAND VALLEY COLO CLAUDE HAYWARDCARIN 105581 27 8772 DATE- 07 25 71 0955 SIZE- .005 L			3.6E02 (3.1E02)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO-GAMMA-SCAN			
GRAND VALLEY COLO CLAUDE HAYWARDCARIN 105674 27 8772 DATE- 08 07 71 0740 SIZE- .005 L			5.9E02 (3.1E02)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO-GAMMA-SCAN			
GRAND VALLEY COLO CLAUDE HAYWARDCARIN 106096 27 8772 DATE- 08 22 71 1615 SIZE- .005 L			3.4E02 (3.2E02)
GRAND VALLEY COLO CLAUDE HAYWARDCARIN 107399 27 8772 DATE- 10 23 71 0735 SIZE- .005 L			LT3.4E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO-GAMMA-SCAN			

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	.75/06/09	3H PCI/L
GRAND VALLEY COLO CLAUDE HAYWARD CARIN 112468 27 8772 DATE- 04 23 72 1050 SIZE- .010 L		3.0E02 (2.2E02)	
MESA COLO - MESA POST OFFICE 090157 27 1472 DATE- 10 08 70 1415 SIZE- 3.50 L		4.8E02	
-ANALYSIS---RESULT----2SIGMA---UNITS---			
GAMMA			
SPECTRUM			
NEGIGIBLE			
MOLINA COLO - MOLINA MERCANTILE STORE 090158 23 1442 DATE- 10 08 70 0905 SIZE- 3.50 L		8.1E02	
-ANALYSIS---RESULT----2SIGMA---UNITS---			
GAMMA			
SPECTRUM			
NEGIGIBLE			
NEW CASTLE COLO - TEXACO STATION 090156 23 1422 DATE- 10 09 70 1530 SIZE- 3.50 L		1.2E03	
-ANALYSIS---RESULT----2SIGMA---UNITS---			
GAMMA			
SPECTRUM			
NEGIGIBLE			
PAONIA COLO - CONOCO STATION 090160 22 1422 DATE- 10 09 70 0915 SIZE- 3.50 L		LT4E02	
-ANALYSIS---RESULT----2SIGMA---UNITS---			
GAMMA			
SPECTRUM			
NEGIGIBLE			
PLATEAU CITY COLO - CONOCO STATION 090112 23 1442 DATE- 10 08 70 0945 SIZE- 3.50 L		7.1E02	
-ANALYSIS---RESULT----2SIGMA---UNITS---			
GAMMA			
SPECTRUM			
NEGIGIBLE			
RIFLE COLO - TEXACO STATION 090155 24 1422 DATE- 10 09 70 1630 SIZE- 3.50 L		4.6E02	
-ANALYSIS---RESULT----2SIGMA---UNITS---			
GAMMA			
SPECTRUM			
NEGIGIBLE			

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H

PCI/L

RIFLE COLO - TEXACO STATION

090902 24 1422 DATE- 11 05 70 1345

SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

6.1E02

RIFLE COLO - TEXACO STATION

095336 24 1422 DATE- 12 20 70 1640

SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

LT4E02

RIFLE COLO - TEXACO STATION

098638 24 1422 DATE- 02 25 71 1340

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

8.6E02

RIFLE COLO - TEXACO STATION

099380 24 1422 DATE- 03 21 71 1020

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

7.3E02

RIFLE COLO - TEXACO STATION

100937 24 1422 DATE- 04 28 71 1235

SIZE- .005 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

8.0E02

RIFLE COLO - MAMM CREEK

090122 22 9222 DATE- 10 09 70 1000

SIZE- 3.50 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

6.2E02

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H
PCI/L

RIFLE COLO - MAMM CREEK

6.0E02

090887 22 9222 DATE- 11 05 70 1240

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RIFLE COLO - MAMM CREEK

1.3E03

095355 22 9222 DATE- 12 20 70 1600

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RIFLE COLO - MAMM CRFFK

5.3E02

098599 22 9222 DATE- 02 25 71 0740

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RIFLE COLO - MAMM CREEK

6.3E02

099387 22 9222 DATE- 03 21 71 1000

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RIFLE COLO - MAMM CREEK

5.7E02

100938 22 9222 DATE- 04 27 71 1220

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RIFLE COLO - MAMM CREEK

7.4E02

103282 22 9222 DATE- 05 31 71 1440

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO REPORTED 75/06/09 3H
PCI/L

RIO BLANCO COLO - PHILLIPS 66 STATION LT4E02
090163 24 1472 DATE- 10 10 70 0820
SIZE- 3.50 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
GAMMA
SPECTRUM
NEGLIGIBLE

REDSTONE COLO - CONOCO STATION 1.0E03
090066 24 1422 DATE- 10 10 70 1315
SIZE- 3.50 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
GAMMA
SPECTRUM
NEGLIGIBLE

RULISON COLO JAMES A ROGERS RANCH 7.1E02
099556 24 1432 DATE- 03 24 71 1345
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

RULISON COLO JAMES A ROGERS RANCH LT4E02
100794 24 1432 DATE- 04 26 71 1350
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

RULISON COLO - DONALD BURTARD RANCH 7.6E02
090076 27 8422 DATE- 10 08 70 1630
SIZE- 3.50 L

-ANALYSTS---RESULT----2SIGMA---UNITS---
GAMMA
SPECTRUM
NEGLIGIBLE

RULISON COLO - DONALD BURTARD RANCH 1.1E03
090900 27 8472 DATE- 11 05 70 0915
SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---
NO
GAMMA
SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/09	3H
			PCI/L
RULISON COLO - DONALD BURTARD RANCH			9.9E02
095370 27 8472	DATE-	12 21 70	1030
SIZE- .005 L			
-ANALYSTS---RESULT---?SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
RULISON COLO - DONALD BURTARD RANCH			6.5E02
098529 27 8472	DATE-	02 25 71	1015
SIZE- .005 L			
-ANALYSTS---RESULT---?SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
RULISON COLO - DONALD BURTARD RANCH			6.3E02
099390 24 8472	DATE-	03 21 71	1225
SIZE- .005 L			
-ANALYSTS---RESULT---?SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
RULISON COLO - DONALD BURTARD RANCH			1.1E03
100799 27 8472	DATE-	04 26 71	1100
SIZE- .005 L			
-ANALYSTS---RESULT---?SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
RULISON COLO - DONALD BURTARD RANCH			1.4E03
103281 27 8472	DATE-	06 02 71	1145
SIZE- .005 L			
-ANALYSTS---RESULT---?SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
RULISON COLO FLOYD BARRICKS RES			1.4E03
103276 24 1422	DATE-	06 02 71	1300
SIZE- .005 L			
-ANALYSIS---RESULT---?SIGMA---UNITS---			
NO			
GAMMA			
SCAN			

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/09	3H PCI/L
RULISON COLO - LEE L HAYWARD RANCH			LT4E02
090073 24 1432 DATE- 10 09 70 1400			
SIZE- .350 L			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
GAMMA			
SPECTRUM			
NEGLIGIBLE			
RULISON COLO - LEE L HAYWARD RANCH			4.8E02
090877 24 1432 DATE- 11 05 70 0930			
SIZE- .005 L			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
RULISON COLO - LEE L HAYWARD RANCH			LT4E02
095361 24 1432 DATE- 12 21 70 1345			
SIZE- .005 L			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
RULISON COLO - LEE L HAYWARD RANCH			LT4E02
098591 24 1432 DATE- 02 25 71 1155			
SIZE- .005 L			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
RULISON COLO - LEE L HAYWARD RANCH			LT4E02
099495 24 1432 DATE- 03 23 71 1140			
SIZE- .005 L			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
RULISON COLO - LEE L HAYWARD RANCH			LT4E02
100797 24 1432 DATE- 04 26 71 1430			
SIZE- .005 L			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H
PCI/L

RULISON COLO - WALLACE MYERS RANCH
103279 22 1422 DATE- 06 02 71 1130
SIZE- .005 L

8.1E02

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RULISON COLO - EAMES ORCHARDS
090074 24 1472 DATE- 10 08 70 1635
SIZE- 3.50 L

6.9E02

-ANALYSIS---RESULT----2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

RULISON COLO - EAMES ORCHARDS
090882 24 1472 DATE- 11 05 70 0910
SIZE- .005 L

8.9E02

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RULISON COLO - EAMES ORCHARDS
095367 24 1472 DATE- 12 21 70 1325
SIZE- .005 L

9.6E02

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RULISON COLO - EAMES ORCHARDS
098593 24 1472 DATE- 02 25 71 0910
SIZE- .005 L

6.9E02

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RULISON COLO - EAMES ORCHARDS
099557 24 1472 DATE- 03 25 71 1025
SIZE- .005 L

5.9E02

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED 75/06/09	3H PCIV/L
RULISON COLO - EAMES ORCHARDS 100801 24 1472 DATE- 04 26 71 1400 SIZE- .005 L	LT4E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
RULISON COLO - EAMES ORCHARDS 103278 24 1472 DATE- 06 02 71 1120 SIZE- .005 L	8.7E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
RULISON COLO - DON MOORE RANCH 103274 24 1422 DATE- 06 02 71 1315 SIZE- .005 L	1.3E03	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
RULISON COLO - FELIX S SEFCOVIC RANCH 090121 24 1432 DATE- 10 10 70 0945 SIZE- 3.50 L	7.6E02	
-ANALYSTS---RESULT---2SIGMA---UNITS---		
GAMMA		
SPECTRUM		
NEGLIGIBLE		
RULISON COLO - FELIX S SEFCOVIC RANCH 090890 24 1432 DATE- 11 05 70 0825 SIZE- .005 L	6.5E02	
-ANALYSIS---RESULT---2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		
RULISON COLO - FELIX S SEFCOVIC RANCH 095360 24 1432 DATE- 12 21 70 1315 SIZE- .005 L	9.5E02	
-ANALYSIS---RESULT---2SIGMA---UNITS---		
NO		
GAMMA		
SCAN		

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/09	RH
			PCI/L
RULISON COLO - FELIX S SEFCOVIC RANCH			6.0E02
098595 24 1432	DATE-	02 25 71 0830	
SIZE- .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
RULISON COLO - FELIX S SEFCOVIC RANCH			5.5E02
099496 24 1432	DATE-	03 22 71 0900	
SIZE- .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
RULISON COLO - FELIX S SEFCOVIC RANCH			LT4E02
100795 24 1432	DATE-	04 26 71 1345	
SIZE- .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
RULISON COLO - BILLIE LEE SMITH RANCH			LT4E02
090108 24 1472	DATE-	10 09 70 1245	
SIZE- 3.56 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
GAMMA			
SPECTRUM			
NEGLIGIBLE			
RULISON COLO - BILLIE LEE SMITH RANCH			4.4E02
090401 24 1432	DATE-	11 05 70 0810	
SIZE- .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			
RULISON COLO - BILLIE LEE SMITH RANCH			6.8E02
095359 24 0427	DATE-	12 21 70 1320	
SIZE- .005 L			
-ANALYSTS---RESULT----2SIGMA---UNITS---			
NO			
GAMMA			
SCAN			

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H
PCU/L

RULISON COLO - CACHE CREEK 6.7E02

090075 22 8222 DATE- 10 08 70 1400

SIZE- .350 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

RULISON COLO - CACHE CREEK 6.1E02

090880 22 8222 DATE- 11 05 70 1215

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RULISON COLO - CACHE CREEK 4.1E02

095335 22 8422 DATE- 12 20 70 1535

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RULISON COLO - CACHE CREEK 7.2E02

098642 22 8422 DATE- 02 25 71 0825

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RULISON COLO - CACHE CREEK 7.3E02

099389 22 8422 DATE- 03 21 71 1050

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

RULISON COLO - CACHE CREEK 4.6E02

100796 22 8422 DATE- 04 26 71 1335

SIZE- .005 L

-ANALYSIS---RESULT----2SIGMA---UNITS---

NO

GAMMA

SCAN

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H
PCI/L

RULISON COLO - CACHE CREEK 1.4E03

093270 22 8422 DATE- 06 02 71 1100

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

RULISON COLO - JACK ALDRIDGE RANCH LT4E02

090106 22 7422 DATE- 10 09 70 1410

SIZE- 3.50 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

STLT COLO - SINCLAIR STATION 5.5E02

090113 24 1422 DATE- 10 09 70 1545

SIZE- 3.50 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

STLT COLO - DON JACKETT RANCH 7.4E02

090071 23 6432 DATE- 10 09 70 0840

SIZE- 3.50 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

STLT COLO - DON JACKETT RANCH 1.0E03

090892 23 6432 DATE- 11 05 70 1315

SIZE- .005 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

NO

GAMMA

SCAN

STLT COLO - HARVEY GAP RESERVOIR LT4E02

090161 21 9122 DATE- 10 09 70 1405

SIZE- 3.50 L

-ANALYSIS---RESULT---2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

WATER SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO

REPORTED 75/06/09

3H

PCU/L

STLT COLO - WEST DIVIDE CREEK
090162 22 9222 DATE- 10 09 70 0905

7.7E02

SIZE- 3.50 L

-ANALYSTS---RESULT---2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION	LAB-NO. & 3H USE CODE PCI/L
COLLBRAN COLO	98695 7.8E02
COLLECTED 02/26/71 0835 SIZE .005 L	
NO GAMMA	
SCAN	
COLLBRAN COLO - BERT GRIFFITH RANCH	89964 LT4E02
COLLECTED 10/08/70 1030 SIZE .005 L	
NO GAMMA	
SCAN PRECIP=.46IN	
COLLBRAN COLO - BERT GRIFFITH RANCH	90752 9.6E02
COLLECTED 11/01/70 0800 SIZE .005 L	
NO GAMMA	
SCAN PRECIP=.02IN	
COLLBRAN COLO - BERT GRIFFITH RANCH	93692 5.7E02
183 ON-TIME 12/09/70	
OFF-TIME 12/11/70 0700 SIZE .005 L 0002	
NO GAMMA	
SCAN PRECIP=.52IN	
COLLBRAN COLO - BERT GRIFFITH RANCH	98960 LT4E02
COLLECTED 02/03/71 0930 SIZE .005 L	
NO GAMMA	
SCAN PRECIP=.057IN	
COLLBRAN COLO - BERT GRIFFITH RANCH	98162 1.3E03
COLLECTED 02/04/71 0915 SIZE .005 L	
NO GAMMA	
SCAN	
COLLBRAN COLO - BERT GRIFFITH RANCH	98163 LT4E02
COLLECTED 02/05/71 0900 SIZE .005 L	
NO GAMMA	
SCAN	
COLLBRAN COLO - BERT GRIFFITH RANCH	98164 8.4E02
COLLECTED 02/05/71 0900 SIZE .005 L	
NO GAMMA	
SCAN PRECIP=.045IN	

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
 IN PICO-CURIES PER UNIT OF SIZE.
 EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
 LT(X)=LESS THAN X. ND=NOT DETECTED. NA=NO ANALYSIS

PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION LAB-NO. & 3H
USE CODE PC1/L

COLLBRAN COLO - BERT GRIFFITH RANCH 98166 6.9E02
COLLECTED 02/06/71 0900 SIZE .005 L

NO GAMMA
SCAN PRECIP=.019IN

COLLBRAN COLO - BERT GRIFFITH RANCH 98219 9.2E02
COLLECTED 02/08/71 0920 SIZE .005 L
NO GAMMA
SCAN

COLLBRAN COLO - BERT GRIFFITH RANCH 98218 1.7E03
COLLECTED 02/09/71 0900 SIZE .005 L
NO GAMMA
SCAN PRECIP=.066IN

COLLBRAN COLO - BERT GRIFFITH RANCH 98267 8.4E02
COLLECTED 02/11/71 1030 SIZE .005 L
NO GAMMA
SCAN PRECIP=.027IN

COLLBRAN COLO - BERT GRIFFITH RANCH 98414 LT4E02
COLLECTED 02/16/71 1020 SIZE .005 L
NO GAMMA
SCAN PRECIP=.040IN

COLLBRAN COLO - BERT GRIFFITH RANCH 98489 LT4E02
COLLECTED 02/18/71 0810 SIZE .005 L
NO GAMMA
SCAN

COLLBRAN COLO - BERT GRIFFITH RANCH 98500 5.3E02
COLLECTED 02/18/71 0810 SIZE .005 L
NO GAMMA
SCAN PRECIP=.008IN

COLLBRAN COLO - BERT GRIFFITH RANCH 98490 5.1E02
COLLECTED 02/19/71 0830 SIZE .005 L
NO GAMMA
SCAN

COLLBRAN COLO - BERT GRIFFITH RANCH 98501 LT4E02
COLLECTED 02/19/71 0825 SIZE .005 L
NO GAMMA
SCAN PRECIP=.059IN

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE.
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION	LAB-NO.	3H USE CODE PCI/L
COLLBRAN COLO - BERT GRIFFITH RANCH	98491	7.8E02
COLLECTED 02/20/71 1350 SIZE .005 L		
NO	GAMMA	
SCAN		
COLLBRAN COLO - BERT GRIFFITH RANCH	98502	6.3E02
COLLECTED 02/20/71 1345 SIZE .005 L		
NO	GAMMA	
SCAN	PRECIP=.21IN	
COLLBRAN COLO - BERT GRIFFITH RANCH	98550	8.0E02
COLLECTED 02/21/71 1505 SIZE .005 L		
NO	GAMMA	
SCAN		
COLLBRAN COLO - BERT GRIFFITH RANCH	98652	8.7E02
COLLECTED 02/26/71 0935 SIZE .005 L		
NO	GAMMA	
SCAN		
COLLBRAN COLO - BERT GRIFFITH RANCH	98731	6.7E02
183 ON-TIME 02/28/71 1500		
OFF-TIME 02/28/71 2400 SIZE .005 L		
NO	GAMMA	
SCAN		
COLLBRAN COLO - BERT GRIFFITH RANCH	98894	1.1E03
COLLECTED 03/05/71 1450 SIZE .005 L		
NO	GAMMA	
SCAN		
COLLBRAN COLO - BERT GRIFFITH RANCH	98895	1.1E03
COLLECTED 03/06/71 1455 SIZE .005 L		
NO	GAMMA	
SCAN		
COLLBRAN COLO - BERT GRIFFITH RANCH	99134	1.2E03
COLLECTED 03/11/71 1350 SIZE .005 L		
NO	GAMMA	
SCAN	PRECIP=.025IN	

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
 IN PICO-CURIES PER UNIT OF SIZE,
 EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
 LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION	LAB-NO.	3H USE CODE PCI/L
COLLBRAN COLO - BERT GRIFFITH RANCH	99179	1.3E03
COLLECTED 03/14/71 1140 SIZE .005 L		
NO GAMMA		
SCAN		
COLLBRAN COLO - BERT GRIFFITH RANCH	99193	5.5E02
COLLECTED 03/14/71 1140 SIZE .005 L		
NO GAMMA		
SCAN PRECIP=.049IN		
COLLBRAN COLO - BERT GRIFFITH RANCH	99233	6.6E02
COLLECTED 03/15/71 1330 SIZE .005 L		
NO GAMMA		
SCAN PRECIP=.20IN		
COLLBRAN COLO - BERT GRIFFITH RANCH	99307	6.9E02
COLLECTED 03/16/71 1415 SIZE .005 L		
NO GAMMA		
SCAN PRECIP=.095IN		
COLLBRAN COLO - SPEC STA NO 39	90192	4.1E02
COLLECTED 10/08/70 1305 SIZE .005 L		
NO GAMMA		
SCAN		
COLLBRAN COLO - SPEC STA NO 42	90187	LT4E02
COLLECTED 10/08/70 1225 SIZE .005 L		
NO GAMMA		
SCAN		
COLLBRAN COLO - SPEC STA NO 45	90193	4.3E02
COLLECTED 10/08/70 1210 SIZE .005 L		
NO GAMMA		
SCAN		
DEBEQUE COLO - RUSS LATHAM RANCH	89905	LT4E02
220 ON-TIME 10/06/70 1105		
OFF-TIME 10/07/70 0900 SIZE .005 L		
NO GAMMA		
SCAN PRECIP=.0.36IN		

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
 IN PICO-CURIES PER UNIT OF SIZE.
 EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
 LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION		LAB-NO. & 3H USE CODE PCT/L
DEBEQUE COLO - RUSS LATHAM RANCH	COLLECTED 10/08/70 1215	B9967 LT4E02
NO SCAN	SIZE .005 L	GAMMA PRECIP=0.25IN
DEBEQUE COLO - RUSS LATHAM RANCH	COLLECTED 10/28/70 1345	90753 LT4E02
NO SCAN	SIZE .005 L	GAMMA PRECIP=0.04IN NO SCAN
DEBEQUE COLO - RUSS LATHAM RANCH	220 ON-TIME 12/09/70	93615 LT4E02
NO SCAN	OFF-TIME 12/10/70 1300	SIZE .005 L
NO SCAN	GAMMA PRECIP=0.47IN	
DEBEQUE COLO - RUSS LATHAM RANCH	220 ON-TIME 12/17/70 2100	93944 5.0E02
NO SCAN	OFF-TIME 12/18/70 0845	SIZE .005 L
NO SCAN	GAMMA	
DEBEQUE COLO - RUSS LATHAM RANCH	220 ON-TIME 12/19/70 1800	95356 5.3E02
NO SCAN	OFF-TIME 12/20/70 1650	SIZE .005 L 0002
NO SCAN	GAMMA PRECIP=0.15IN	
DEBEQUE COLO - RUSS LATHAM RANCH	220 ON-TIME 02/02/71 0830	96906 LT4E02
NO SCAN	OFF-TIME 02/02/71 1130	SIZE .005 L
NO SCAN	GAMMA PRECIP=.014IN	
DEBEQUE COLO - RUSS LATHAM RANCH	COLLECTED 02/05/71 1030	98167 5.9E02
NO SCAN	SIZE .005 L	GAMMA PRECIP=.009IN
DEBEQUE COLO - RUSS LATHAM RANCH	COLLECTED 02/18/71 0920	98503 4.7E02
NO SCAN	SIZE .005 L	GAMMA PRECIP=.093IN

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
 IN PICO-CURIES PER UNIT OF SIZE.
 EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
 LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION

LAB-NO. 4 3H
USE CODE PCI/L

DEBEQUE COLO - RUSS LATHAM RANCH 98504 6.9E02
 COLLECTED 02/19/71 1005 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=.054IN

DEBEQUE COLO - RUSS LATHAM RANCH 99188 LT4E02
 COLLECTED 03/14/71 1510 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=.049IN

DEBEQUE COLO - RUSS LATHAM RANCH 99309 8.9E02
 COLLECTED 03/16/71 0630 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=.056IN

DEBEQUE COLO - RUSS LATHAM RANCH 99564 7.1E02
 COLLECTED 03/24/71 1415 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=.030IN

GRAND VALLEY COLO 1 MI N OF TEST WELL 90201 1.0E03
 COLLECTED 10/08/70 1215 SIZE .005 L
 NO GAMMA
 SCAN

GRAND VALLEY COLO .1MI N TEST WELL 93610 LT4E02
 COLLECTED 12/10/70 1040 SIZE .005 L
 NO GAMMA
 SCAN

GRAND VALLEY COLO 1.5 MI N TEST WELL 93613 LT4E02
 ON-TIME 12/09/70 1430
 OFF-TIME 12/10/70 1100 SIZE .005 L
 NO GAMMA
 SCAN

GRAND VALLEY COLO .1MI N TEST WELL 93777 2.3E03
 ON-TIME 12/15/70 0300
 OFF-TIME 12/15/70 1200 SIZE .005 L
 NO GAMMA
 SCAN

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
 IN PICO-CURIES PER UNIT OF SIZE.
 EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
 LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION

LAB-NO. & 3H
USE CODE PCI/L

GRAND VALLEY COLO .1MI N TEST WELL 93774 5.2E03

ON-TIME 12/15/70 0300

OFF-TIME 12/16/70 1300 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO .1MI N TEST WELL 93775 5.2E03

ON-TIME 12/15/70 1200

OFF-TIME 12/16/70 1245 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO .1MI N TEST WELL 93949 4.2E03

ON-TIME 12/17/70 2100

OFF-TIME 12/18/70 1315 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO .1 MI N TEST WELL 95501 7.9E03

ON-TIME 12/19/70 1800

OFF-TIME 12/20/70 1415 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO .1MI N TEST WELL 96898 5.9E02

COLLECTED 01/31/71 1455 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO .1MI N TEST WELL 98150 5.8E03

ON-TIME 02/03/71 0400

OFF-TIME 02/03/71 2000 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO .1MI N TEST WELL 98151 2.3E03

COLLECTED 02/05/71 1305 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO .1MI N TEST WELL 98152 5.0E03

COLLECTED 02/07/71 1250 SIZE .005 L

NO GAMMA
SCAN

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE

IN PICO-CURIES PER UNIT OF SIZE.

EXCEPT K IS IN GRAMS PER UNIT OF SIZE.

LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION	LAB-NO. & BH USE CODE PCI/L
GRAND VALLEY COLO .1MI N TEST WELL COLLECTED 02/08/71 1415 SIZE .005 L NO SCAN	98215 7.6E03 GAMMA
GRAND VALLEY COLO .1MI N TEST WELL COLLECTED 02/11/71 1250 SIZE .005 L NO SCAN	98262 1.3E03 GAMMA
GRAND VALLEY COLO .1 MI N TEST WELL ON-TIME 02/15/71 1900 OFF-TIME 02/15/71 2130 SIZE .005 L NO SCAN	98417 2.1E03 GAMMA
GRAND VALLEY COLO .1MI N TEST WELL COLLECTED 02/18/71 1250 SIZE .005 L NO SCAN	98477 6.2E02 GAMMA
GRAND VALLEY COLO .1MI N TEST WELL COLLECTED 02/19/71 1210 SIZE .005 L NO SCAN	98478 1.4E03 GAMMA
GRAND VALLEY COLO .1MI N TEST WELL COLLECTED 02/20/71 1015 SIZE .005 L NO SCAN	98479 1.0E04 GAMMA
GRAND VALLEY COLO .1MI N TEST WELL COLLECTED 02/21/71 1135 SIZE .005 L NO SCAN	98552 2.1E04 GAMMA
GRAND VALLEY COLO .1 MI N TEST WELL COLLECTED 02/24/71 1045 SIZE .005 L NO SCAN	98601 4.7E04 GAMMA

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE.
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION	LAB-NO.	3H USE CODE PCI/L
GRAND VALLEY COLO .1 MI N TEST WELL	98644	1.7E03
ON-TIME 02/25/71 1100		
OFF-TIME 02/25/71 1900	SIZE .005 L	
NO SCAN	GAMMA	
GRAND VALLEY COLO .1 MI N TEST WELL	98726	1.0E04
ON-TIME 02/28/71 1500		
OFF-TIME 02/28/71 2400	SIZE .005 L	
NO SCAN	GAMMA	
GRAND VALLEY COLO .1 MI N TEST WELL	98909	1.1E03
COLLECTED 03/05/71 1200	SIZE .005 L	
NO SCAN	GAMMA	
GRAND VALLEY COLO .1 MI N TEST WELL	98910	2.2E03
COLLECTED 03/06/71 1105	SIZE .005 L	
NO SCAN	GAMMA	
GRAND VALLEY COLO .1 MI N TEST WELL	99184	9.4E02
COLLECTED 03/14/71 1245	SIZE .005 L	
NO SCAN	GAMMA	
GRAND VALLEY COLO .1 MI N TEST WELL	99299	4.7E03
COLLECTED 03/16/71 1220	SIZE .005 L	
NO SCAN	GAMMA	
GRAND VALLEY COLO .1 MI N TEST WELL	100485	6.7E03
COLLECTED 04/18/71 1255	SIZE .005 L	
NO SCAN	GAMMA	
GRAND VALLEY COLO .1 MI N TEST WELL	100573	4.1E03
COLLECTED 04/20/71 1000	SIZE .005 L	
NO SCAN	GAMMA	

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION

LAB-NO. 6 3H
USE CODE PC1/L

GRAND VALLEY COLO - 1 MI N TEST WELL 100645 1.2E03
COLLECTED 04/22/71 1235 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO - JOHN C CLEM RANCH 89869 LT4E02
008 ON-TIME 10/05/70 1600
OFF-TIME 10/06/70 1300 SIZE .005 L
NO GAMMA
SCAN PRECIP=.05IN

GRAND VALLEY COLO - JOHN C CLEM RANCH 89910 LT4E02
008 ON-TIME 10/06/70 1000
OFF-TIME 10/07/70 1040 SIZE .005 L
NO GAMMA
SCAN PRECIP=0.41IN

GRAND VALLEY COLO - JOHN C CLEM RANCH 90202 LT4E02
COLLECTED 10/08/70 1325 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO - JOHN C CLEM RANCH 90751 6.3E02
COLLECTED 10/28/70 1100 SIZE .005 L
NO GAMMA
SCAN PRECIP=0.01IN

GRAND VALLEY COLO - JOHN C CLEM RANCH 93617 4.9E02
008 ON-TIME 12/09/70
OFF-TIME 12/10/70 1100 SIZE .005 L
NO GAMMA
SCAN PRECIP=0.23IN

GRAND VALLEY COLO - JOHN C CLEM RANCH 93782 9.0E02
COLLECTED 12/15/70 1030 SIZE .005 L
NO GAMMA
SCAN PRECIP=0.41IN

GRAND VALLEY COLO - JOHN C CLEM RANCH 93940 1.4E03
008 ON-TIME 12/17/70 2100
OFF-TIME 12/18/70 1115 SIZE .005 L
NO GAMMA
SCAN

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EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION	LAB-NO.	3H USE CODE PCI/L
GRAND VALLEY COLO - JOHN C CLEM RANCH	96904	LT4E02
008 ON-TIME 02/02/71 0830		
OFF-TIME 02/02/71 1130 SIZE .005 L		
NO SCAN	GAMMA	
	PRECIP=.023IN	
GRAND VALLEY COLO - JOHN C CLEM RANCH	96963	LT4E02
COLLECTED 02/03/71 1130 SIZE .005 L		
NO SCAN	GAMMA	
	PRECIP=.041IN	
GRAND VALLEY COLO - JOHN C CLEM RANCH	98158	6.4E02
COLLECTED 02/05/71 1105 SIZE .005 L		
NO SCAN	GAMMA	
GRAND VALLEY COLO - JOHN C CLEM RANCH	98159	1.0E03
COLLECTED 02/07/71 1130 SIZE .005 L		
NO SCAN	GAMMA	
GRAND VALLEY COLO - JOHN C CLEM RANCH	98221	8.1E02
COLLECTED 02/08/71 1115 SIZE .005 L		
NO SCAN	GAMMA	
GRAND VALLEY COLO - JOHN C CLEM RANCH	98265	LT4E02
COLLECTED 02/11/71 1150 SIZE .005 L		
NO SCAN	GAMMA	
	PRECIP=.022IN	
GRAND VALLEY COLO - JOHN C CLEM RANCH	98488	6.2E02
COLLECTED 02/18/71 1435 SIZE .005 L		
NO SCAN	GAMMA	
GRAND VALLEY COLO - JOHN C CLEM RANCH	98498	5.5E02
COLLECTED 02/18/71 1435 SIZE .005 L		
NO SCAN	GAMMA	
	PRECIP=.10IN	

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 EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION	LAB-NO.	3H USE CODE PCI/L
GRAND VALLEY COLO - JOHN C CLEM RANCH	98499	5.6E02
COLLECTED 02/19/71 1300 SIZE .005 L		
NO GAMMA		
SCAN PRECIP=.033IN		
GRAND VALLEY COLO - JOHN C CLEM RANCH	98654	5.9E02
008 ON-TIME 02/25/71 1100		
OFF-TIME 02/25/71 1900 SIZE .005 L		
NO GAMMA		
SCAN		
GRAND VALLEY COLO - JOHN C CLEM RANCH	98898	1.1E03
COLLECTED 03/05/71 1250 SIZE .005 L		
NO GAMMA		
SCAN		
GRAND VALLEY COLO - JOHN C CLEM RANCH	98899	9.1E02
COLLECTED 03/06/71 1140 SIZE .005 L		
NO GAMMA		
SCAN		
GRAND VALLEY COLO - JOHN C CLEM RANCH	99191	4.0E02
COLLECTED 03/14/71 1315 SIZE .005 L		
NO GAMMA		
SCAN PRECIP=.080IN		
GRAND VALLEY COLO - JOHN C CLEM RANCH	99304	6.7E02
COLLECTED 03/16/71 1100 SIZE .005 L		
NO GAMMA		
SCAN PRECIP=.049IN		
GRAND VALLEY COLO - JOHN C CLEM RANCH	99575	7.1E02
COLLECTED 03/24/71 1140 SIZE .005 L		
NO GAMMA		
SCAN PRECIP=.086IN		
GRAND VALLEY COLO - JOHN C CLEM RANCH	99565	1.1E03
COLLECTED 03/25/71 1020 SIZE .005 L		
NO GAMMA		
SCAN PRECIP=.11IN		

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EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION	LAB-NO.	3H USE CODE PCI/L
GRAND VALLEY COLO - JOHN C CLEM RANCH	100490	8.1E02
COLLECTED 04/18/71 1145	SIZE .005 L	
NO	GAMMA	
SCAN	PRECIP=.12IN	
GRAND VALLEY COLO - JOHN C CLEM RANCH	100576	1.7E03
COLLECTED 04/19/71 1530	SIZE .005 L	
NO	GAMMA	
SCAN	PRECIP=.17IN	
GRAND VALLEY COLO - JOHN C CLEM RANCH	100577	1.7E03
COLLECTED 04/20/71 1030	SIZE .005 L	
NO	GAMMA	
SCAN	PRECIP=.03IN	
GRAND VALLEY COLO - JOHN C CLEM RANCH	100652	1.4E03
COLLECTED 04/21/71 1215	SIZE .005 L	
NO	GAMMA	
SCAN	PRECIP=.11IN	
GRAND VALLEY COLO - JOHN C CLEM RANCH	100653	1.0E03
COLLECTED 04/22/71 1105	SIZE .005 L	
NO	GAMMA	
SCAN	PRECIP=.66IN	
GRAND VALLEY COLO - JOHN C CLEM RANCH	100802	8.2E02
COLLECTED 04/24/71 1130	SIZE .005 L	
NO	GAMMA	
SCAN	PRECIP=.44IN	
GRAND VALLEY COLO - JOHN C CLEM RANCH	100803	1.0E03
COLLECTED 04/25/71 1120	SIZE .005 L	
NO	GAMMA	
SCAN	PRECIP=.035IN	
GRAND VALLEY COLO - DAN DUPLICE RANCH	89871	6.5E02
022 ON-TIME 10/05/70 1800		
OFF-TIME 10/06/70 1430	SIZE .005 L	
NO	GAMMA	
SCAN	PRECIP=.03IN	

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION LAB-NO. & 3H
USE CODE PCI/L

GRAND VALLEY COLO - DAN DUPLICE RANCH 89909 LT4E02
 022 ON-TIME 10/06/70 1000
 OFF-TIME 10/07/70 1010 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=0.38IN

GRAND VALLEY COLO - DAN DUPLICE RANCH 90754 LT4E02
 COLLECTED 10/28/70 1130 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=0.075IN

GRAND VALLEY COLO - DAN DUPLICE RANCH 93616 4.5E02
 022 ON-TIME 12/09/70
 OFF-TIME 12/10/70 1120 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=0.18IN

GRAND VALLEY COLO - DAN DUPLICE RANCH 93780 5.5E02
 022 ON-TIME 12/15/70 0300
 OFF-TIME 12/15/70 1015 SIZE .005 L
 NO GAMMA
 SCAN

GRAND VALLEY COLO - DAN DUPLICE RANCH 93942 7.2E02
 022 ON-TIME 12/17/70 2100
 OFF-TIME 12/18/70 1050 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=.025IN

GRAND VALLEY COLO - DAN DUPLICE RANCH 96903 LT4E02
 022 ON-TIME 02/02/71 0830
 OFF-TIME 02/02/71 1130 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=.025IN

GRAND VALLEY COLO - DAN DUPLICE RANCH 96962 LT4E02
 COLLECTED 02/03/71 1230 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=.039IN

GRAND VALLEY COLO - DAN DUPLICE RANCH 98269 1.0E03
 COLLECTED 02/11/71 1100 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=.001IN

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION

LAB-NO. & 3H
USE CODE PCI/L

GRAND VALLEY COLO - DAN DUPLICE RANCH 98496 5.6E02
COLLECTED 02/18/71 1450 SIZE .005 L

NO GAMMA
SCAN PRECIP=.15IN

GRAND VALLEY COLO - DAN DUPLICE RANCH 98497 8.5E02
COLLECTED 02/19/71 1025 SIZE .005 L

NO GAMMA
SCAN PRECIP=.012IN

GRAND VALLEY COLO - DAN DUPLICE RANCH 98655 8.9E02
022 ON-TIME 02/25/71 1100

OFF-TIME 02/25/71 1900 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO - DAN DUPLICE RANCH 98896 9.7E02
COLLECTED 03/05/71 1310 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO - DAN DUPLICE RANCH 99190 7.8E02
COLLECTED 03/14/71 1335 SIZE .005 L

NO GAMMA
SCAN PRECIP=.081IN

GRAND VALLEY COLO - DAN DUPLICE RANCH 99306 6.8E02
COLLECTED 03/16/71 1015 SIZE .005 L

NO GAMMA
SCAN PRECIP=.058IN

GRAND VALLEY COLO - DAN DUPLICE RANCH 99566 7.3E02
COLLECTED 03/24/71 1100 SIZE .005 L

NO GAMMA
SCAN PRECIP=.040IN

GRAND VALLEY COLO - DAN DUPLICE RANCH 100491 8.9E02
COLLECTED 04/18/71 1120 SIZE .005 L

NO GAMMA
SCAN PRECIP=.12IN

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION	LAB-NO. & 3H USE CODE PCI/L
GRAND VALLEY COLO - DAN DUPLICE RANCH COLLECTED 04/19/71 1600 SIZE .005 L	100574 1.3E03
NO GAMMA SCAN PRECIP=.25IN	
GRAND VALLEY COLO - DAN DUPLICE RANCH COLLECTED 04/20/71 1110 SIZE .005 L	100575 1.8E03
NO GAMMA SCAN PRECIP=.06IN	
GRAND VALLEY COLO - DAN DUPLICE RANCH COLLECTED 04/21/71 1240 SIZE .005 L	100654 1.4E03
NO GAMMA SCAN PRECIP=.16IN	
GRAND VALLEY COLO - DAN DUPLICE RANCH COLLECTED 04/22/71 1035 SIZE .005 L	100655 1.2E03
NO GAMMA SCAN PRECIP=.64IN	
GRAND VALLEY COLO - DAN DUPLICE RANCH COLLECTED 04/24/71 1045 SIZE .005 L	100804 1.4E03
NO GAMMA SCAN PRECIP=.41IN	
GRAND VALLEY COLO - DAN DUPLICE RANCH COLLECTED 04/26/71 1315 SIZE .005 L	100805 2.5E03
NO GAMMA SCAN PRECIP=.007IN	
GRAND VALLEY COLO - CONTROL POINT PAU 476 ON-TIME 10/06/70 OFF-TIME 10/07/70 1045 SIZE .005 L	89899 4.7E02
NO GAMMA SCAN PRECIP=.71IN	
GRAND VALLEY COLO - CONTROL POINT PAD COLLECTED 10/07/70 1045 SIZE .005 L	89900 5.3E02
NO GAMMA SCAN	

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION

LAB-NO. 6 3H
USE CODE PCI/L

GRAND VALLEY COLO - CONTROL POINT PAD 90196 7.4E02
COLLECTED 10/08/70 1235 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO - CONTROL POINT PAD 93609 LT4E02
COLLECTED 12/10/70 1115 SIZE .005 L
NO GAMMA
SCAN PRECIP=0.03IN

GRAND VALLEY COLO - CONTROL POINT PAD 93773 1.1E03
476 ON-TIME 12/15/70 0300
OFF-TIME 12/16/70 1310 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO - CONTROL POINT PAD 93945 LT4E02
476 ON-TIME 12/17/70 2100
OFF-TIME 12/18/70 1340 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO - CONTROL POINT PAD 95506 7.7E02
476 ON-TIME 12/19/70 1800
OFF-TIME 12/20/70 1455 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO - PLOT 2 93608 LT4E02
477 ON-TIME 12/09/70 1430
OFF-TIME 12/10/70 1110 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO - PLOT 2 96900 9.0E02
COLLECTED 01/31/71 1515 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO - PLOT 2 98144 8.6E02
477 ON-TIME 02/03/71 0400
OFF-TIME 02/03/71 2000 SIZE .005 L
NO GAMMA
SCAN

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION

LAB-NO. & 3H
USE CODE PCI/L

GRAND VALLEY COLO - PLOT 2 9B145 1.0E03
 COLLECTED 02/05/71 1325 SIZE .005 L
 NO GAMMA
 SCAN

GRAND VALLEY COLO - PLOT 2 9B146 8.7E02
 COLLECTED 02/07/71 1315 SIZE .005 L
 NO GAMMA
 SCAN

GRAND VALLEY COLO - PLOT 2 9B217 1.0E03
 COLLECTED 02/08/71 1440 SIZE .005 L
 NO GAMMA
 SCAN

GRAND VALLEY COLO - PLOT 2 9B264 1.0E03
 COLLECTED 02/11/71 1315 SIZE .005 L
 NO GAMMA
 SCAN

GRAND VALLEY COLO - PLOT 2 9B483 4.9E02
 COLLECTED 02/18/71 1320 SIZE .005 L
 NO GAMMA
 SCAN

GRAND VALLEY COLO - PLOT 2 9B484 5.7E02
 COLLECTED 02/19/71 1235 SIZE .005 L
 NO GAMMA
 SCAN

GRAND VALLEY COLO - PLOT 2 9B485 1.1E03
 COLLECTED 02/20/71 1045 SIZE .005 L
 NO GAMMA
 SCAN

GRAND VALLEY COLO - PLOT 2 9B555 1.0E03
 COLLECTED 02/21/71 1200 SIZE .005 L
 NO GAMMA
 SCAN

GRAND VALLEY COLO - PLOT 2 9B606 2.8E03
 COLLECTED 02/24/71 1105 SIZE .005 L
 NO GAMMA
 SCAN

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION

LAB-N0.4 3H
USE CODE PCI/L

GRAND VALLEY COLO - PLOT 2 98648 1.3E03

477 ON-TIME 02/25/71 1100

OFF-TIME 02/25/71 1900 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO - PLOT 2 98730 1.7E03

477 ON-TIME 02/28/71 1500

OFF-TIME 02/28/71 2400 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO - PLOT 2 98905 7.1E02

COLLECTED 03/05/71 1225 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO - PLOT 2 98906 9.9E02

COLLECTED 03/06/71 1130 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO - PLOT 2 99183 8.8E02

COLLECTED 03/14/71 1305 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO - PLOT 2 99298 1.4E03

COLLECTED 03/16/71 1120 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 93611 LT4E02

498 ON-TIME 12/09/70 1430

OFF-TIME 12/10/70 1045 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 93781 1.5E03

498 ON-TIME 12/15/70 0300

OFF-TIME 12/15/70 1205 SIZE .005 L

NO GAMMA
SCAN

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION		LAB-NO. 6 3H USE CODE PCI/L
GRAND VALLEY COLO .25 MI N TEST WELL	93776	7.3E03
498 ON-TIME 12/15/70 1200		
OFF-TIME 12/16/70 1250 SIZE .005 L		
NO SCAN	GAMMA	
GRAND VALLEY COLO .25 MI N TEST WELL	93946	2.7E03
498 ON-TIME 12/17/70 2100		
OFF-TIME 12/18/70 1320 SIZE .005 L		
NO SCAN	GAMMA	
GRAND VALLEY COLO .25 MI N TEST WELL	95500	4.3E03
498 ON-TIME 12/19/70 1800		
OFF-TIME 12/20/70 1405 SIZE .005 L		
NO SCAN	GAMMA	
GRAND VALLEY COLO .25 MI N TEST WELL	96896	8.2E02
COLLECTED 01/31/71 1503 SIZE .005 L		
NO SCAN	GAMMA	
GRAND VALLEY COLO .25 MI N TEST WELL	98141	1.6E03
498 ON-TIME 02/03/71 0600		
OFF-TIME 02/03/71 2000 SIZE .005 L		
NO SCAN	GAMMA	
GRAND VALLEY COLO .25 MI N TEST WELL	98142	3.1E03
COLLECTED 02/05/71 1310 SIZE .005 L		
NO SCAN	GAMMA	
GRAND VALLEY COLO .25 MI N TEST WELL	98143	3.9E03
COLLECTED 02/07/71 1255 SIZE .005 L		
NO SCAN	GAMMA	
GRAND VALLEY COLO .25 MI N TEST WELL	98213	1.9E03
COLLECTED 02/08/71 1420 SIZE .005 L		
NO SCAN	GAMMA	

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION

LAB-NO. & 3H
USE CODE PCI/L

GRAND VALLEY COLO .25 MI N TEST WELL 98261 8.0E02
COLLECTED 02/11/71 1255 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 98416 3.3E03
498 ON-TIME 02/15/71 1900
OFF-TIME 02/15/71 2130 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 98480 6.5E02
COLLECTED 02/18/71 1255 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 98481 8.4E02
COLLECTED 02/19/71 1215 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 98482 3.8E03
COLLECTED 02/20/71 1020 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 98553 1.2E04
COLLECTED 02/21/71 1140 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 98603 2.7E03
COLLECTED 02/24/71 1050 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 98646 1.4E03
498 ON-TIME 02/25/71 1100
OFF-TIME 02/25/71 1900 SIZE .005 L
NO GAMMA
SCAN

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IN PICO-CURIES PER UNIT OF SIZE,
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RULISON PRECIPITATION SAMPLING RESULTS OCTOBER 6 1970 - JULY 1 1971

LOCATION LAB-NO. 6 3H
USE CODE PCI/L

GRAND VALLEY COLO .25 MI N TEST WELL 98728 3.8E03
498 ON-TIME 02/28/71 1500
OFF-TIME 02/28/71 2400 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 98911 9.8E02
COLLECTED 03/05/71 1205 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 98912 1.1E03
COLLECTED 03/06/71 1110 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 99182 1.3E03
COLLECTED 03/14/71 1247 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 99296 3.2E03
COLLECTED 03/16/71 1225 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 100487 2.7E04
COLLECTED 04/10/71 1300 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 100572 3.0E03
COLLECTED 04/20/71 1005 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .25 MI N TEST WELL 100647 1.3E03
COLLECTED 04/22/71 1240 SIZE .005 L
NO GAMMA
SCAN

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
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PRECIPITATION SAMPLING RESULTS OCTOBER 4, 1970 - JULY 1, 1971

LOCATION LAB-NO. 43H
USE CODE PCI/L

GRAND VALLEY COLO .5 MI N TEST WELL 93614 5.5E02
499 ON-TIME 12/09/70 1430
OFF-TIME 12/10/70 1050 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 93778 1.3E03
499 ON-TIME 12/15/70 0300
OFF-TIME 12/15/70 1210 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 93779 4.7E03
499 ON-TIME 12/15/70 1200
OFF-TIME 12/16/70 1255 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 93947 1.3E03
499 ON-TIME 12/17/70 2100
OFF-TIME 12/18/70 1325 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 95502 2.4E03
499 ON-TIME 12/19/70 1800
OFF-TIME 12/20/70 1420 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 96897 5.1E02
COLLECTED 01/31/71 1500 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 98138 1.3E03
499 ON-TIME 02/03/71 0400
OFF-TIME 02/03/71 2000 SIZE .005 L
NO GAMMA
SCAN

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EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION

LAB-NO.6 3H
USE CODE PCI/L

GRAND VALLEY COLO .5 MI N TEST WELL 98139 2.9E03
COLLECTED 02/05/71 1315 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 98140 1.6E03
COLLECTED 02/07/71 1300 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 98214 1.4E03
COLLECTED 02/08/71 1425 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 98260 5.9E02
COLLECTED 02/11/71 1300 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 98415 9.9E02
499 ON-TIME 02/15/71 1900
OFF-TIME 02/15/71 2130 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 98474 6.8E02
COLLECTED 02/18/71 1300 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 98475 7.2E02
COLLECTED 02/19/71 1220 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 98476 2.5E03
COLLECTED 02/20/71 1025 SIZE .005 L
NO GAMMA
SCAN

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EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION

LAB-NO. & 3H
USE CODE PCI/L

GRAND VALLEY COLO .5 MI N TEST WELL 98551 3.3E03
COLLECTED 02/21/71 1145 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 98602 2.8E03
COLLECTED 02/24/71 1055 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 98645 1.1E03
499 ON-TIME 02/25/71 1100
OFF-TIME 02/25/71 1900 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 98727 3.0E03
499 ON-TIME 02/28/71 1500
OFF-TIME 02/28/71 2400 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 98907 1.0E03
COLLECTED 03/05/71 1210 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 98908 7.3E02
COLLECTED 03/06/71 1115 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 99180 1.0E03
COLLECTED 03/14/71 1250 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 99295 1.9E03
COLLECTED 03/16/71 1230 SIZE .005 L
NO GAMMA
SCAN

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PRECIPITATION SAMPLING RESULTS OCTOBER 4, 1970 - JULY 1, 1971

LOCATION

LAB-NO. & 3H
USE CODE PCT/L

GRAND VALLEY COLO .5 MI N TEST WELL 100486 5.1E03
COLLECTED 04/18/71 1305 SIZE .005 L

NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 100571 2.9E03
COLLECTED 04/20/71 1015 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO .5 MI N TEST WELL 100646 1.0E03
COLLECTED 04/22/71 1245 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO - DAVE BEASLEY RES 89872 5.9E02
544 ON-TIME 10/05/70 1800
OFF-TIME 10/06/70 1530 SIZE .005 L
NO GAMMA
SCAN PRECIP=0.05IN

GRAND VALLEY COLO - DAVE BEASLEY RES 89908 LT4E02
544 ON-TIME 10/06/70 1000
OFF-TIME 10/07/70 0920 SIZE .005 L
NO GAMMA
SCAN PRECIP=0.34IN

GRAND VALLEY COLO - DAVE BEASLEY RES 89966 4.8E02
544 ON-TIME 10/07/70 1000
OFF-TIME 10/08/70 1000 SIZE .005 L
NO GAMMA
SCAN PRECIP=0.15IN

GRAND VALLEY COLO - DAVE BEASLEY RES 90650 LT4E02
544 ON-TIME 10/26/70 1030
OFF-TIME 10/27/70 1030 SIZE .005 L
NO GAMMA
SCAN PRECIP=0.16IN

GRAND VALLEY COLO - DAVE BEASLEY RES 93618 4.6E02
544 ON-TIME 12/09/70
OFF-TIME 12/10/70 1000 SIZE .005 L
NO GAMMA
SCAN PRECIP=0.31IN

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION LAB-NO. & 3H
USE CODE PCI/L

GRAND VALLEY COLO - DAVE BEASLEY RES 93943 5.4E02
 544 ON-TIME 12/17/70 2100
 OFF-TIME 12/18/70 1020 SIZE .005 L
 NO GAMMA
 SCAN

GRAND VALLEY COLO - DAVE BEASLEY RES 95520 6.0E02
 544 ON-TIME 12/19/70 0600
 OFF-TIME 12/20/70 1610 SIZE .005 L 0002
 NO GAMMA
 SCAN PRECIP=.07IN

GRAND VALLEY COLO - DAVE BEASLEY RES 96905 LT4E02
 544 ON-TIME 02/02/71 0830
 OFF-TIME 02/02/71 1130 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=.044IN

GRAND VALLEY COLO - DAVE BEASLEY RES 96959 LT4E02
 COLLECTED 02/03/71 1315 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=.079IN

GRAND VALLEY COLO - DAVE BEASLEY RES 98505 8.6E02
 COLLECTED 02/18/71 1525 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=.1BIN

GRAND VALLEY COLO - DAVE BEASLEY RES 98506 8.6E02
 COLLECTED 02/19/71 1000 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=.008IN

GRAND VALLEY COLO - DAVE BEASLEY RES 98902 8.7E02
 COLLECTED 03/05/71 0800 SIZE .005 L
 NO GAMMA
 SCAN

GRAND VALLEY COLO - DAVE BEASLEY RES 99189 6.6E02
 COLLECTED 03/14/71 1410 SIZE .005 L
 NO GAMMA
 SCAN PRECIP=.035IN

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION LAB-NO. & SH
USE CODE PCI/L

GRAND VALLEY COLO - DAVE BEASLEY RES 99308 7.0E02
COLLECTED 03/16/71 0930 SIZE .005 L

NO GAMMA
SCAN PRECIP=.056IN

GRAND VALLEY COLO - DAVE BEASLEY RES 99562 5.5E02
COLLECTED 03/24/71 1050 SIZE .005 L
NO GAMMA
SCAN PRECIP=.071IN

GRAND VALLEY COLO - DAVE BEASLEY RES 100492 8.3E02
COLLECTED 04/18/71 1100 SIZE .005 L
NO GAMMA
SCAN PRECIP=.067IN

GRAND VALLEY COLO - DAVE BEASLEY RES 100578 1.2E03
COLLECTED 04/19/71 1720 SIZE .005 L
NO GAMMA
SCAN PRECIP=.39IN

GRAND VALLEY COLO - DAVE BEASLEY RES 100579 2.1E03
COLLECTED 04/20/71 1330 SIZE .005 L
NO GAMMA
SCAN PRECIP=.15IN

GRAND VALLEY COLO - DAVE BEASLEY RES 100656 1.6E03
COLLECTED 04/21/71 0945 SIZE .005 L
NO GAMMA
SCAN PRECIP=.26IN

GRAND VALLEY COLO - DAVE BEASLEY RES 100657 1.1E03
COLLECTED 04/22/71 1010 SIZE .005 L
NO GAMMA
SCAN PRECIP=.50IN

GRAND VALLEY COLO - DAVE BEASLEY RES 100806 9.8E02
COLLECTED 04/24/71 0945 SIZE .005 L
NO GAMMA
SCAN PRECIP=.43IN

GRAND VALLEY COLO - SPEC STA NO 1 90190 LT4E02
COLLECTED 10/08/70 1250 SIZE .005 L
NO GAMMA
SCAN

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION

LAB-NO. 6 3H
USE CODE PCI/L

GRAND VALLEY COLO - SPEC STA NO 5 90199 LT4E02
COLLECTED 10/08/70 1305 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO - SPEC STA NO 10 90195 LT4E02
COLLECTED 10/08/70 1315 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO - SPEC STA NO 11 93689 5.4E02
567 ON-TIME 12/09/70
OFF-TIME 12/11/70 1000 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO - SPEC STA NO 11 96895 6-0E02
COLLECTED 01/31/71 1520 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO - SPEC STA NO 11 98157 4.1E02
567 ON-TIME 02/03/71 0400
OFF-TIME 02/03/71 2000 SIZE .005 L
NO GAMMA
SCAN

GRAND VALLEY COLO - SPEC STA NO 11 98643 1.1E03
567 ON-TIME 02/25/71 1100
OFF-TIME 02/25/71 1900 SIZE .005 L
NO GAMMA
SCAN

RIFLE COLO 5MI W OF BUS DST HWY 6+24 89906 LT4E02
COLLECTED 10/07/70 1210 SIZE .005 L
NO GAMMA
SCAN

RIFLE COLO 90198 LT4E02
COLLECTED 10/08/70 1500 SIZE .005 L
NO GAMMA
SCAN

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION	LAB-NO.	3H USE CODE PCI/L
RIFLE COLO - ALEX C URQUHART DAIRY	89870	6.4E02
177 ON-TIME 10/05/70 1130		
OFF-TIME 10/06/70 1135 SIZE .005 L		
NO SCAN	GAMMA	
	PRECIP=0.04IN	
RIFLE COLO - ALEX C URQUHART DAIRY	89911	LT4E02
177 ON-TIME 10/06/70 1100		
OFF-TIME 10/07/70 1150 SIZE .005 L		
NO SCAN	GAMMA	
	PRECIP=0.42IN	
RIFLE COLO - ALEX C URQUHART DAIRY	89965	LT4E02
177 ON-TIME 10/07/70 1000		
OFF-TIME 10/08/70 0915 SIZE .005 L		
NO SCAN	GAMMA	
	PRECIP=0.08IN	
RIFLE COLO - ALEX C URQUHART DAIRY	90649	LT4E02
177 ON-TIME 10/25/70 1200		
OFF-TIME 10/26/70 1200 SIZE .005 L		
NO SCAN	GAMMA	
	PRECIP=0.04IN	
RIFLE COLO - ALEX C URQUHART DAIRY	93620	5.8E02
177 ON-TIME 12/09/70		
OFF-TIME 12/10/70 0920 SIZE .005 L		
NO SCAN	GAMMA	
	PRECIP=0.16IN	
RIFLE COLO - ALEX C URQUHART DAIRY	93941	1.1E03
177 ON-TIME 12/17/70 2100		
OFF-TIME 12/18/70 0945 SIZE .005 L		
NO SCAN	GAMMA	
RIFLE COLO - ALEX C URQUHART DAIRY	95519	5.3E02
COLLECTED 12/20/70 1630 SIZE .005 L		
NO SCAN	GAMMA	
	PRECIP=0.05IN	

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION

LAB-NO. 6 3H
USE CODE PCI/L

RIFLE COLO - ALEX C URQUHART DAIRY 98165 LT4E02
COLLECTED 02/03/71 1235 SIZE .005 L

NO GAMMA
SCAN PRECIP=.049IN

RIFLE COLO - ALEX C URQUHART DAIRY 98222 6.3E02
COLLECTED 02/08/71 1015 SIZE .005 L
NO GAMMA
SCAN

RIFLE COLO - ALEX C URQUHART DAIRY 98266 7.4E02
COLLECTED 02/11/71 1110 SIZE .005 L
NO GAMMA
SCAN PRECIP=.062IN

RIFLE COLO - ALEX C URQUHART DAIRY 98507 8.2E02
COLLECTED 02/18/71 1120 SIZE .005 L
NO GAMMA
SCAN PRECIP=.071IN

RIFLE COLO - ALEX C URQUHART DAIRY 98508 5.7E02
COLLECTED 02/19/71 0930 SIZE .005 L
NO GAMMA
SCAN PRECIP=.057IN

RIFLE COLO - ALEX C URQUHART DAIRY 98600 1.0E03
COLLECTED 02/25/71 0825 SIZE .005 L
NO GAMMA
SCAN PRECIP=.018IN

RIFLE COLO - ALEX C URQUHART DAIRY 98653 1.4E03
COLLECTED 02/26/71 1040 SIZE .005 L
NO GAMMA
SCAN

RIFLE COLO - ALEX C URQUHART DAIRY 98897 9.3E02
COLLECTED 03/05/71 0845 SIZE .005 L
NO GAMMA
SCAN

RIFLE COLO - ALEX C URQUHART DAIRY 98893 1.0E03
COLLECTED 03/06/71 0825 SIZE .005 L
NO GAMMA
SCAN PRECIP=.011IN

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION		LAB-NO.	3H
		USE CODE	PCI/L
RIFLE COLO - ALEX C URQUHART DAIRY	COLLECTED 03/14/71 1035	99187	LT4E02
NO	SIZE .005 L	GAMMA	
SCAN		PRECIP=.063IN	
RIFLE COLO - ALEX C URQUHART DAIRY	COLLECTED 03/16/71 0900	99303	8.1E02
NO	SIZE .005 L	GAMMA	
SCAN		PRECIP=.044IN	
RIFLE COLO - ALEX C URQUHART DAIRY	COLLECTED 03/24/71 0910	99563	LT4E02
NO	SIZE .005 L	GAMMA	
SCAN		PRECIP=.22IN	
RIFLE COLO - ALEX C URQUHART DAIRY	COLLECTED 04/19/71 1640	100580	1.4E03
NO	SIZE .005 L	GAMMA	
SCAN		PRECIP=.48IN	
RIFLE COLO - ALEX C URQUHART DAIRY	COLLECTED 04/21/71 0915	100658	1.4E03
NO	SIZE .005 L	GAMMA	
SCAN		PRECIP=.09IN	
RIFLE COLO - ALEX C URQUHART DAIRY	COLLECTED 04/22/71 0920	100659	1.4E03
NO	SIZE .005 L	GAMMA	
SCAN		PRECIP=.38IN	
RIFLE COLO - ALEX C URQUHART DAIRY	COLLECTED 04/24/71 0900	100807	1.3E03
NO	SIZE .005 L	GAMMA	
SCAN		PRECIP=.13IN	
RIFLE COLO - SPEC STA NO 25	COLLECTED 10/08/70 1415	99197	LT4E02
NO	SIZE .005 L	GAMMA	
SCAN			

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION	LAB-NO.& 3H USE CODE PCI/L
RIFLE COLO - SPEC STA NO 25 S81 ON-TIME 12/09/70 OFF-TIME 12/11/70 0910 SIZE .005 L NO SCAN	93691 5.4E02
RULISON COLO IMI S HWY 6+24 RULISONRD COLLECTED 10/07/70 1220 SIZE .005 L NO SCAN	89907 LT4E02
RULISON COLO - PLOT 1 540 ON-TIME 12/09/70 1430 OFF-TIME 12/10/70 1055 SIZE .005 L NO SCAN	93612 4.7E02
RULISON COLO - PLOT 1 540 ON-TIME 12/17/70 2100 OFF-TIME 12/18/70 1330 SIZE .005 L NO SCAN	93948 6.0E02
RULISON COLO - PLOT 1 540 ON-TIME 12/19/70 1800 OFF-TIME 12/20/70 1435 SIZE .005 L NO SCAN	95504 8.0E02
RULISON COLO - PLOT 1 COLLECTED 01/31/71 1500 SIZE .005 L NO SCAN	96899 5.5E02
RULISON COLO - PLOT 1 COLLECTED 02/05/71 1320 SIZE .005 L NO SCAN	98148 1.3E03
RULISON COLO - PLOT 1 COLLECTED 02/07/71 1305 SIZE .005 L NO SCAN	98149 1.1E03

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION	LAB-NO.	3H USE CODE PC1/L
RULISON COLO - PLOT 1 COLLECTED 02/08/71 1430 SIZE .005 L NO GAMMA SCAN	98216	1.5E03
RULISON COLO - PLOT 1 COLLECTED 02/11/71 1305 SIZE .005 L NO GAMMA SCAN	98263	5.8E02
RULISON COLO - PLOT 1 COLLECTED 02/18/71 1305 SIZE .005 L NO GAMMA SCAN	98471	7.1E02
RULISON COLO - PLOT 1 COLLECTED 02/19/71 1225 SIZE .005 L NO GAMMA SCAN	98472	4.7E02
RULISON COLO - PLOT 1 COLLECTED 02/20/71 1035 SIZE .005 L NO GAMMA SCAN	98473	1.4E03
RULISON COLO - PLOT 1 COLLECTED 02/21/71 1150 SIZE .005 L NO GAMMA SCAN	98554	1.1E03
RULISON COLO - PLOT 1 COLLECTED 02/24/71 1100 SIZE .005 L NO GAMMA SCAN	98604	1.5E03
RULISON COLO - PLOT 1 540 ON-TIME 02/25/71 1100 OFF-TIME 02/25/71 1900 SIZE .005 L NO GAMMA SCAN	98647	8.3E02

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION	LAB-NO.	3H USE CODE PCI/L
RULISON COLO - PLOT 1 540 ON-TIME 02/28/71 1500 OFF-TIME 02/28/71 2400 SIZE .005 L NO GAMMA SCAN	98729	3.1E03
RULISON COLO - PLOT 1 COLLECTED 03/05/71 1215 SIZE .005 L NO GAMMA SCAN	98903	8.0E02
RULISON COLO - PLOT 1 COLLECTED 03/06/71 1120 SIZE .005 L NO GAMMA SCAN	98904	4.6E02
RULISON COLO - PLOT 1 COLLECTED 03/14/71 1255 SIZE .005 L NO GAMMA SCAN	99181	6.0E03
RULISON COLO - PLOT 1 COLLECTED 03/16/71 1130 SIZE .005 L NO GAMMA SCAN	99297	1.6E03
RULISON COLO - PLOT 1 COLLECTED 04/18/71 1310 SIZE .005 L NO GAMMA SCAN	100488	1.6E03
RULISON COLO - WILLIAM NICOL RANCH 541 ON-TIME 02/03/71 0400 OFF-TIME 02/03/71 2000 SIZE .005 L NO GAMMA SCAN	98147	4.2E02
RULISON COLO - SPEC STA NO 15 COLLECTED 10/08/70 1340 SIZE .005 L NO GAMMA SCAN	90200	4.7E02

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION		LAB-NO. & USE CODE	3H PCI/L
RULISON COLO - SPEC STA NO 15 571 ON-TIME 12/09/70 OFF-TIME 12/11/70 0950 SIZE .005 L NO GAMMA SCAN	93690	4.8E02	
RULISON COLO - SPEC STA NO 20 COLLECTED 10/08/70 1350 SIZE .005 L NO GAMMA SCAN	90191	LT4E02	
RULISON COLO - SPEC STA NO 20 576 ON-TIME 12/09/70 OFF-TIME 12/11/70 0945 SIZE .005 L NO GAMMA SCAN	93688	6.4E02	
SILT COLO ON-TIME 12/17/70 0600 OFF-TIME 12/19/70 1625 SIZE .005 L NO GAMMA SCAN	95499	4.5E02	
SILT COLO - DON JACKETT RANCH 229 ON-TIME 10/06/70 1000 OFF-TIME 10/07/70 0950 SIZE .005 L NO GAMMA SCAN PRECIP=0.42IN	89912	LT4E02	
SILT COLO - DON JACKETT RANCH 229 ON-TIME 12/09/70 OFF-TIME 12/10/70 0815 SIZE .005 L NO GAMMA SCAN PRECIP=0.34IN	93619	LT4E02	
SILT COLO - DON JACKETT RANCH COLLECTED 02/03/71 1200 SIZE .005 L NO GAMMA SCAN PRECIP=.070IN	96961	6.2E02	
SILT COLO - DON JACKETT RANCH COLLECTED 02/05/71 SIZE .005 L NO GAMMA SCAN	98160	8.3E02	

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION

**LAB-NO. 8 3H
USE CODE PCI/L**

SILT COLO - DON JACKETT RANCH 9B161 7.6E02
COLLECTED 02/07/71 0945 SIZE .005 L

NO GAMMA
SCAN

SILT COLO - DON JACKETT RANCH 9B220 1.1E03
COLLECTED 02/08/71 0935 SIZE .005 L

NO GAMMA
SCAN

SILT COLO - DON JACKETT RANCH 9B268 8.1E02
COLLECTED 02/11/71 1025 SIZE .005 L

NO GAMMA
SCAN PRECIP=.048IN

SILT COLO - DON JACKETT RANCH 9B492 6.8E02
COLLECTED 02/18/71 1040 SIZE .005 L

NO GAMMA
SCAN

SILT COLO - DON JACKETT RANCH 9B493 5.3E02
COLLECTED 02/18/71 1030 SIZE .005 L

NO GAMMA
SCAN PRECIP=.11IN

SILT COLO - DON JACKETT RANCH 9B487 6.7E02
COLLECTED 02/19/71 0845 SIZE .005 L

NO GAMMA
SCAN

SILT COLO - DON JACKETT RANCH 9B494 5.0E02
COLLECTED 02/19/71 0845 SIZE .005 L

NO GAMMA
SCAN PRECIP=.11IN

SILT COLO - DON JACKETT RANCH 9B486 9.9E02
COLLECTED 02/20/71 0830 SIZE .005 L

NO GAMMA
SCAN

SILT COLO - DON JACKETT RANCH 9B495 9.9E02
COLLECTED 02/20/71 0825 SIZE .005 L

NO GAMMA
SCAN PRECIP=.087IN

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION	LAB-NO.	3H USE CODE PCI/L
SILT COLO - DON JACKETT RANCH COLLECTED 02/21/71 0925 SIZE .005 L NO GAMMA SCAN	98549	8.1E02
SILT COLO - DON JACKETT RANCH COLLECTED 02/26/71 0930 SIZE .005 L NO GAMMA SCAN	98651	1.2E03
SILT COLO - DON JACKETT RANCH COLLECTED 03/05/71 0940 SIZE .005 L NO GAMMA SCAN	98900	9.0E02
SILT COLO - DON JACKETT RANCH COLLECTED 03/06/71 0930 SIZE .005 L NO GAMMA SCAN	98901	9.9E02
SILT COLO - DON JACKETT RANCH COLLECTED 03/14/71 1000 SIZE .005 L NO GAMMA SCAN PRECIP=.099IN	99192	5.8E02
SILT COLO - DON JACKETT RANCH COLLECTED 03/16/71 0800 SIZE .005 L NO GAMMA SCAN PRECIP=.035IN	99305	8.0E02
SILT COLO - SPEC STA NO 36 COLLECTED 10/08/70 1325 SIZE .005 L NO GAMMA SCAN	90189	4.1E02
SILT COLO - SPEC STA NO 27 COLLECTED 10/08/70 1635 SIZE .005 L NO GAMMA SCAN	90194	4.3E02

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PRECIPITATION SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

LOCATION

LAB-NO. & 3H
USE CODE PCI/L

SILT COLO - SPEC STA NO 27 95503 7.8E02

583 ON-TIME 12/17/70 2100

OFF-TIME 12/19/70 1610 SIZE .005 L

NO GAMMA
SCAN

SILT COLO - SPEC STA NO 28 89904 LT4E02

COLLECTED 10/07/70 1050 SIZE .005 L

NO GAMMA
SCAN

SILT COLO - SPEC STA NO 29 95505 7.0E02

585 ON-TIME 12/17/70 2100

OFF-TIME 12/19/70 1615 SIZE .005 L

NO GAMMA
SCAN

SILT COLO - SPEC STA NO 30 90188 4.4E02

COLLECTED 10/08/70 1615 SIZE .005 L

NO GAMMA
SCAN

SILT COLO - SPEC STA NO 33 90186 4.8E02

COLLECTED 10/08/70 1430 SIZE .005 L

NO GAMMA
SCAN

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ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
DEBEQUE COLO - RUSS LATHAM RANCH			ND	ND	ND
89658 32	ON- 10 03 70	1445			
SIZE- 348 M3	OFF- 10 04 70	1337			
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
DEBEQUE COLO - RUSS LATHAM RANCH			ND	ND	ND
89800 32	ON- 10 04 70	1405			
SIZE- 368 M3	OFF- 10 05 70	1416			
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - DAN DUPLICE RANCH			ND	ND	ND
89660 32	ON- 10 03 70	1303			
SIZE- 334 M3	OFF- 10 04 70	1215			
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH			ND	ND	ND
089659 32	ON- 10 03 70	1110			
SIZE- 344 M3	OFF- 10 04 70	1021			
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH			ND	ND	ND
089799 32	ON- 10 04 70	1025			
SIZE- 350 M3	OFF- 10 05 70	1003			
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH			ND	ND	ND
93482 32	ON- 11 30 70	1620			
SIZE- 265 M3	OFF- 12 01 70	1045			
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH			ND	ND	ND
93434 31	ON- 11 30 70	1620			
SIZE- 265 M3	OFF- 12 01 70	1045			
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					

ISOTERIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	957R PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 93483 32 SIZE- 363 M ³	ON- 12 01 70 1050 OFF- 12 02 70 1205		ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93435 31 SIZE- 363 M ³	ON- 12 01 70 1050 OFF- 12 02 70 1205		ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93489 32 SIZE- 314 M ³	ON- 12 02 70 1250 OFF- 12 03 70 1040		ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93481 31 SIZE- 314 M ³	ON- 12 02 70 1250 OFF- 12 03 70 1040		ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93490 32 SIZE- 346 M ³	ON- 12 03 70 1050 OFF- 12 04 70 1055		ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93480 31 SIZE- 346 M ³	ON- 12 03 70 1050 OFF- 12 04 70 1055		ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 93491 32 SIZE- 348 M3	ON- 12 04 70 1130 OFF- 12 05 70 1150	ND	ND	ND	
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93479 31	ON- 12 04 70 1130	ND	ND	ND	
SIZE- 348 M3	OFF- 12 05 70 1150				
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93492 32	ON- 12 05 70 1220	ND	ND	ND	
SIZE- 314 M3	OFF- 12 06 70 1010				
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93478 31	ON- 12 05 70 1220	ND	ND	ND	
SIZE- 314 M3	OFF- 12 06 70 1010				
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93562 32	ON- 12 06 70 1015	ND	ND	ND	
SIZE- 357 M3	OFF- 12 07 70 1107				
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93563 31	ON- 12 06 70 1015	ND	ND	ND	
SIZE- 357 M3	OFF- 12 07 70 1107				
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	144CE PCI/M ³	106RU PCI/M ³	95ZR PCI/M ³
GRAND VALLEY COLO - JOHN C CLEM RANCH 93674 32 SIZE- 334 M ³	ON- 12 07 70 1115 OFF- 12 08 70 1025	ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 93679 31 SIZE- 334 M ³	ON- 12 07 70 1115 OFF- 12 08 70 1025	ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 93675 32 SIZE- 350 M ³	ON- 12 08 70 1050 OFF- 12 09 70 1110	ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 93680 31 SIZE- 350 M ³	ON- 12 08 70 1050 OFF- 12 09 70 1110	ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 93676 32 SIZE- 333 M ³	ON- 12 09 70 1130 OFF- 12 10 70 1035	ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 93681 31 SIZE- 333 M ³	ON- 12 09 70 1130 OFF- 12 10 70 1035	ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 93677 32 SIZE- 363 M3	ON- 12 10 70 1100 OFF- 12 11 70 1210		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93682 31 SIZE- 363 M3	ON- 12 10 70 1100 OFF- 12 11 70 1210		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93678 32 SIZE- 317 M3	ON- 12 11 70 1215 OFF- 12 12 70 1015		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93735 32 COMP SIZE- 4004 M3	ON- 11 30 70 1620 OFF- 12 12 70 1015		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93683 31 SIZE- 317 M3	ON- 12 11 70 1215 OFF- 12 12 70 1015		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 93736 31 COMP SIZE- 4004 M3	ON- 11 30 70 1620 OFF- 12 12 70 1015		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
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GRAND VALLEY COLO - JOHN C CLEM RANCH
 93733 32 ON- 12 12 70 1020
 SIZE- 377 M3 OFF- 12 13 70 1145

-ANALYSIS---RESULT---2SIGMA---UNITS---

GAMMA
 SPECTRUM
 NEGLIGIBLE

GRAND VALLEY COLO - JOHN C CLEM RANCH
 93684 31 ON- 12 12 70 1020
 SIZE- 377 M3 OFF- 12 13 70 1145

-ANALYSTS---RESULT---2SIGMA---UNITS---

GAMMA
 SPECTRUM
 NEGLIGIBLE

GRAND VALLEY COLO - JOHN C CLEM RANCH
 93734 32 ON- 12 13 70 1150
 SIZE- 337 M3 OFF- 12 14 70 1030

-ANALYSTS---RESULT---2SIGMA---UNITS---

GAMMA
 SPECTRUM
 NEGLIGIBLE

GRAND VALLEY COLO - JOHN C CLEM RANCH
 93732 31 ON- 12 13 70 1150
 SIZE- 337 M3 OFF- 12 14 70 1030

-ANALYSTS---RESULT---2SIGMA---UNITS---

GAMMA
 SPECTRUM
 NEGLIGIBLE

GRAND VALLEY COLO - JOHN C CLEM RANCH
 93788 32 ON- 12 14 70 1035
 SIZE- 356 M3 OFF- 12 15 70 1030

-ANALYSTS---RESULT---2SIGMA---UNITS---

GAMMA
 SPECTRUM
 NEGLIGIBLE

GRAND VALLEY COLO - JOHN C CLEM RANCH
 93787 31 ON- 12 14 70 1035
 SIZE- 356 M3 OFF- 12 15 70 1030

-ANALYSIS---RESULT---2SIGMA---UNITS---

GAMMA
 SPECTRUM
 NEGLIGIBLE

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 95880 32 ON- 12 16 70 1025 SIZE- 377 M3 OFF- 12 17 70 1150			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 95884 31 ON- 12 16 70 1025 SIZE- 377 M3 OFF- 12 17 70 1150			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 95881 32 ON- 12 17 70 1155 SIZE- 340 M3 OFF- 12 18 70 1100			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 95885 31 ON- 12 17 70 1155 SIZE- 340 M3 OFF- 12 18 70 1100			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 95882 32 ON- 12 18 70 1105 SIZE- 377 M3 OFF- 12 19 70 1230			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 95886 31 ON- 12 18 70 1105 SIZE- 377 M3 OFF- 12 19 70 1230			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA					
SPECTRUM					
NEGLIGIBLE					

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	957R PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 95883 32 SIZE- 390 M3	ON- 12 19 70 OFF- 12 20 70	1235	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA SPECTRUM NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 096945 32	ON- 02 01 71	1250	ND	ND	ND
SIZE- 285 M3	OFF- 02 02 71	0830			
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 096944 31	ON- 02 01 71	1250	ND	ND	ND
SIZE- 285 M3	OFF- 02 02 71	0830			
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 096965 32	ON- 02 02 71	0835	ND	ND	ND
SIZE- 387 M3	OFF- 02 03 71	1125			
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 096964 31	ON- 02 02 71	0835	ND	ND	ND
SIZE- 387 M3	OFF- 02 03 71	1125			
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098172 32	ON- 02 03 71	1145	ND	ND	ND
SIZE- 330 M3	OFF- 02 04 71	1050			
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098168 31	ON- 02 03 71	1145	ND	ND	ND
SIZE- 330 M3	OFF- 02 04 71	1050			
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098173 32	ON- 02 04 71	1055	ND	ND	ND
SIZE- 346 M3	OFF- 02 05 71	1055			
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 098169 31 ON- 02 04 71 1055 SIZE- 346 M3 OFF- 02 05 71 1055		ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA-SPECTRUM-NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 098174 32 ON- 02 05 71 1100 SIZE- 344 M3 OFF- 02 06 71 1055		ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA-SPECTRUM-NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 098170 31 ON- 02 05 71 1100 SIZE- 344 M3 OFF- 02 06 71 1055		ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA-SPECTRUM-NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 098175 32 ON- 02 06 71 1100 SIZE- 348 M3 OFF- 02 07 71 1115		ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA-SPECTRUM-NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 098171 31 ON- 02 06 71 1100 SIZE- 348 M3 OFF- 02 07 71 1115		ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA-SPECTRUM-NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 098271 32 ON- 02 07 71 1120 SIZE- 346 M3 OFF- 02 08 71 1120		ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA-SPECTRUM-NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 098270 31 ON- 02 07 71 1120 SIZE- 346 M3 OFF- 02 08 71 1120		ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA-SPECTRUM-NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 098210 32 ON- 02 08 71 1125 SIZE- 357 M3 OFF- 02 09 71 1210		ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA-SPECTRUM-NEGLIGIBLE				

ISOTERIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCT/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 098209 31 ON- 02 08 71 1125 SIZE- 357 M3 OFF- 02 09 71 1210		ND		ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098273 32 ON- 02 09 71 1215 SIZE- 327 M3 OFF- 02 10 71 1100		ND		ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098272 31 ON- 02 09 71 1215 SIZE- 327 M3 OFF- 02 10 71 1100		ND		ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098275 32 ON- 02 10 71 1100 SIZE- 354 M3 OFF- 02 11 71 1140		ND		ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098274 31 ON- 02 10 71 1100 SIZE- 354 M3 OFF- 02 11 71 1140		ND		ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098353 32 ON- 02 11 71 1145 SIZE- 310 M3 OFF- 02 12 71 0915		ND		ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098352 31 ON- 02 11 71 1145 SIZE- 310 M3 OFF- 02 12 71 0915		ND		ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098355 32 ON- 02 12 71 0920 SIZE- 369 M3 OFF- 02 13 71 1055		ND		ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 098354 31 ON- 02 12 71 0920 SIZE- 369 M3 OFF- 02 13 71 1055			ND	ND	ND
-ANALYSTS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098357 32 ON- 02 13 71 1100 SIZE- 327 M3 OFF- 02 14 71 0945			ND	ND	0.1E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 098356 31 ON- 02 13 71 1100 SIZE- 327 M3 OFF- 02 14 71 0945			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098359 32 ON- 02 14 71 0950 SIZE- 360 M3 OFF- 02 15 71 1055			ND	0.7E00	0.2E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 098358 31 ON- 02 14 71 0950 SIZE- 360 M3 OFF- 02 15 71 1055			ND	ND	ND
-ANALYSTS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098419 32 ON- 02 15 71 1055 SIZE- 366 M3 OFF- 02 16 71 1220			ND	0.7E00	0.1E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 098418 31 ON- 02 15 71 1055 SIZE- 366 M3 OFF- 02 16 71 1220			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098421 32 ON- 02 16 71 1225 SIZE- 319 M3 OFF- 02 17 71 0955			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098420 31 ON- 02 16 71 1225 SIZE- 319 M3 OFF- 02 17 71 0955			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098514 32 ON- 02 17 71 1000 SIZE- 432 M3 OFF- 02 18 71 1420			ND	ND	0.7E-01

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 098513 31 ON- 02 17 71 1000 SIZE- 432 M3 OFF- 02 18 71 1420			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098515 32 ON- 02 18 71 1432 SIZE- 320 M3 OFF- 02 19 71 1250		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098516 31 ON- 02 18 71 1432 SIZE- 320 M3 OFF- 02 19 71 1250		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098517 32 ON- 02 19 71 1255 SIZE- 315 M3 OFF- 02 20 71 1045		ND	ND	0.1E00	
GRAND VALLEY COLO - JOHN C CLEM RANCH 098518 31 ON- 02 19 71 1255 SIZE- 315 M3 OFF- 02 20 71 1045		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098562 32 ON- 02 20 71 1050 SIZE- 366 M3 OFF- 02 21 71 1215		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098561 31 ON- 02 20 71 1050 SIZE- 366 M3 OFF- 02 21 71 1215		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098564 32 ON- 02 21 71 1220 SIZE- 350 M3 OFF- 02 22 71 1240		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098563 31 ON- 02 21 71 1220 SIZE- 350 M3 OFF- 02 22 71 1240		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 098608 32 ON- 02 22 71 1247 SIZE- 327 M3 OFF- 02 23 71 1130			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098607 31 ON- 02 22 71 1247 SIZE- 327 M3 OFF- 02 23 71 1130			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098610 32 ON- 02 23 71 1137 SIZE- 362 M3 OFF- 02 24 71 1115			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098609 31 ON- 02 23 71 1137 SIZE- 362 M3 OFF- 02 24 71 1115			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098612 32 ON- 02 24 71 1127 SIZE- 344 M3 OFF- 02 25 71 1115			ND	ND	0.1E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 098698 32 ON- 02 25 71 1125 SIZE- 327 M3 OFF- 02 26 71 1010			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098697 31 ON- 02 25 71 1125 SIZE- 327 M3 OFF- 02 26 71 1010			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 098700 32 ON- 02 26 71 1020 SIZE- 389 M3 OFF- 02 27 71 1315			ND	ND	ND
-ANALYSIS---RFSULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 098699 31 SIZE- 389 M3 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA-SPECTRUM-NEGLIGIBLE		ON- 02 26 71 1020 OFF- 02 27 71 1315	ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 098702 32 SIZE- 320 M3 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA-SPECTRUM-NEGLIGIBLE		ON- 02 27 71 1320 OFF- 02 28 71 1130	ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 098701 31 SIZE- 320 M3 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA-SPECTRUM-NEGLIGIBLE		ON- 02 27 71 1320 OFF- 02 28 71 1130	ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 098750 32 SIZE- 360 M3 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA-SPECTRUM-NEGLIGIBLE		ON- 02 28 71 1135 OFF- 03 01 71 1230	ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 098749 31 SIZE- 360 M3 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA-SPECTRUM-NEGLIGIBLE		ON- 02 28 71 1135 OFF- 03 01 71 1230	ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 098825 32 SIZE- 321 M3 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA-SPECTRUM-NEGLIGIBLE		ON- 03 01 71 1235 OFF- 03 02 71 1045	ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 098824 31 SIZE- 321 M3 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA-SPECTRUM-NEGLIGIBLE		ON- 03 01 71 1235 OFF- 03 02 71 1045	ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 098827 32 SIZE- 324 M3 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA-SPECTRUM-NEGLIGIBLE		ON- 03 02 71 1045 OFF- 03 03 71 0915	ND	ND	ND

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 098826 31 ON- 03 02 71 1045 SIZE- 324 M3 OFF- 03 03 71 0915 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA-SPECTRUM-NEGLIGIBLE			ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 098914 32 ON- 03 03 71 0920 SIZE- 383 M3 OFF- 03 04 71 1157			ND	ND	0.1E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 098913 31 ON- 03 03 71 0920 SIZE- 383 M3 OFF- 03 04 71 1157 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA-SPECTRUM-NEGLIGIBLE			ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 098916 32 ON- 03 04 71 1205 SIZE- 353 M3 OFF- 03 05 71 1237			ND	ND	0.1E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 098915 31 ON- 03 04 71 1205 SIZE- 353 M3 OFF- 03 05 71 1237 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA-SPECTRUM-NEGLIGIBLE			ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 098918 32 ON- 03 05 71 1242 SIZE- 331 M3 OFF- 03 06 71 1145 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA-SPECTRUM-NEGLIGIBLE			ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 098917 31 ON- 03 05 71 1242 SIZE- 331 M3 OFF- 03 06 71 1145 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA-SPECTRUM-NEGLIGIBLE			ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 098920 32 ON- 03 06 71 1150 SIZE- 325 M3 OFF- 03 07 71 1030			ND	ND	0.1E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 098919 31 ON- 03 06 71 1150 SIZE- 325 M3 OFF- 03 07 71 1030 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA-SPECTRUM-NEGLIGIBLE			ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 099014 32 ON- 03 07 71 1035 SIZE- 346 M3 OFF- 03 08 71 1030			ND	ND	0.1E00

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 099013 31 ON- 03 07 71 1035 SIZE- 346 M3 OFF- 03 08 71 1030			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099016 32 ON- 03 08 71 1038 SIZE- 371 M3 OFF- 03 09 71 1225			ND	ND	0.3E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099015 31 ON- 03 08 71 1038 SIZE- 371 M3 OFF- 03 09 71 1225			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099199 32 ON- 03 09 71 1230 SIZE- 351 M3 OFF- 03 10 71 1315			ND	ND	0.2E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099200 31 ON- 03 09 71 1230 SIZE- 357 M3 OFF- 03 10 71 1315			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099201 32 ON- 03 10 71 1320 SIZE- 292 M3 OFF- 03 11 71 0935			ND	ND	0.2E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099202 31 ON- 03 10 71 1320 SIZE- 292 M3 OFF- 03 11 71 0935			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099203 32 ON- 03 11 71 0940 SIZE- 415 M3 OFF- 03 12 71 1430			ND	ND	0.2E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099204 31 ON- 03 11 71 0940 SIZE- 415 M3 OFF- 03 12 71 1430			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099205 32 ON- 03 12 71 1430 SIZE- 298 M3 OFF- 03 13 71 1115			ND	ND	0.4E00

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 099206 31 SIZE- 298 M3	ON- 03 12 71 OFF- 03 13 71	1430	ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099207 32 SIZE- 374 M3	ON- 03 13 71 OFF- 03 14 71	1115	ND	ND	0.2E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099208 31 SIZE- 374 M3	ON- 03 13 71 OFF- 03 14 71	1115	ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099259 32 SIZE- 312 M3	ON- 03 14 71 OFF- 03 15 71	1315	ND	ND	0.2E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099258 31 SIZE- 312 M3	ON- 03 14 71 OFF- 03 15 71	1315	ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099319 32 SIZE- 338 M3	ON- 03 15 71 OFF- 03 16 71	1105	ND	ND	0.2E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099318 31 SIZE- 338 M3	ON- 03 15 71 OFF- 03 16 71	1105	ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099321 32 SIZE- 356 M3	ON- 03 16 71 OFF- 03 17 71	1050	ND	ND	0.1E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099320 31 SIZE- 356 M3	ON- 03 16 71 OFF- 03 17 71	1050	ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099417 32 SIZE- 347 M3	ON- 03 17 71 OFF- 03 18 71	1155	ND	ND	0.2E00

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 099416 31 ON- 03 17 71 1155 SIZE- 347 M3 OFF- 03 18 71 1200	ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA-SPECTRUM-NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 099419 32 ON- 03 18 71 1205 SIZE- 354 M3 OFF- 03 19 71 1240	ND	ND	0.2E00	
GRAND VALLEY COLO - JOHN C CLEM RANCH 099418 31 ON- 03 18 71 1205 SIZE- 354 M3 OFF- 03 19 71 1240	ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA-SPECTRUM-NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 099421 32 ON- 03 19 71 1300 SIZE- 334 M3 OFF- 03 20 71 1210	ND	ND	0.2E00	
GRAND VALLEY COLO - JOHN C CLEM RANCH 099420 31 ON- 03 19 71 1300 SIZE- 334 M3 OFF- 03 20 71 1210	ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA-SPECTRUM-NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 099423 32 ON- 03 20 71 1220 SIZE- 340 M3 OFF- 03 21 71 1200	ND	ND	0.3E00	
GRAND VALLEY COLO - JOHN C CLEM RANCH 099422 31 ON- 03 20 71 1220 SIZE- 340 M3 OFF- 03 21 71 1200	ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA-SPECTRUM-NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 099501 32 ON- 03 21 71 1205 SIZE- 305 M3 OFF- 03 22 71 0915	ND	ND	0.3E00	
GRAND VALLEY COLO - JOHN C CLEM RANCH 099500 31 ON- 03 21 71 1205 SIZE- 305 M3 OFF- 03 22 71 0915	ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA-SPECTRUM-NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH 099499 32 ON- 03 22 71 0915 SIZE- 376 M3 OFF- 03 23 71 1125	0.7E00	0.8E00	0.5E00	

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 099498 31 SIZE- 376 M3	ON- 03 22 71 OFF- 03 23 71	0915	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099577 32 SIZE- 347 M3	ON- 03 23 71 OFF- 03 24 71	1130	ND	ND	0.2E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099576 31 SIZE- 347 M3	ON- 03 23 71 OFF- 03 24 71	1130	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099579 32 SIZE- 324 M3	ON- 03 24 71 OFF- 03 25 71	1140	ND	ND	0.2E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099578 31 SIZE- 324 M3	ON- 03 24 71 OFF- 03 25 71	1140	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099625 32 SIZE- 366 M3	ON- 03 25 71 OFF- 03 26 71	1015	ND	ND	0.4E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099624 31 SIZE- 366 M3	ON- 03 25 71 OFF- 03 26 71	1015	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099627 32 SIZE- 338 M3	ON- 03 26 71 OFF- 03 27 71	1140	ND	ND	0.2E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099626 31 SIZE- 338 M3	ON- 03 26 71 OFF- 03 27 71	1140	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099629 32 SIZE- 354 M3	ON- 03 27 71 OFF- 03 28 71	1110	0.5E00	1.3E00	0.4E00

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 099628 31 SIZE- 354 M3	ON- 03 27 71 1110 OFF- 03 28 71 1140		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099661 32 SIZE- 341 M3	ON- 03 28 71 1145 OFF- 03 29 71 1130		ND	ND	0.3E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099660 31 SIZE- 341 M3	ON- 03 28 71 1145 OFF- 03 29 71 1130		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099698 32 SIZE- 344 M3	ON- 03 29 71 1130 OFF- 03 30 71 1120		ND	ND	0.1E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099697 31 SIZE- 344 M3	ON- 03 29 71 1130 OFF- 03 30 71 1120		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099700 32 SIZE- 335 M3	ON- 03 30 71 1133 OFF- 03 31 71 1050		0.6E00	1.4E00	0.5E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099699 31 SIZE- 335 M3	ON- 03 30 71 1133 OFF- 03 31 71 1050		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099812 32 SIZE- 346 M3	ON- 03 31 71 1100 OFF- 04 01 71 1103		0.3E00	0.9E00	0.3E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 099811 31 SIZE- 346 M3	ON- 03 31 71 1100 OFF- 04 01 71 1103		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099814 32 SIZE- 340 M3	ON- 04 01 71 1110 OFF- 04 02 71 1055		0.7E00	1.0E00	0.4E00

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 099813 31 ON- 04 01 71 1110 SIZE- 340 M3 OFF- 04 02 71 1055			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099816 32 ON- 04 02 71 1100 SIZE- 340 M3 OFF- 04 03 71 1037		0.3E00	0.6E00	0.3E00	
GRAND VALLEY COLO - JOHN C CLEM RANCH 099815 31 ON- 04 02 71 1100 SIZE- 340 M3 OFF- 04 03 71 1037		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099818 32 ON- 04 03 71 1045 SIZE- 343 M3 OFF- 04 04 71 1035		0.5E00	1.1E00	0.3E00	
GRAND VALLEY COLO - JOHN C CLEM RANCH 099817 31 ON- 04 03 71 1045 SIZE- 343 M3 OFF- 04 04 71 1035		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099886 32 ON- 04 04 71 1046 SIZE- 340 M3 OFF- 04 05 71 1020		0.4E00	0.8E00	0.3E00	
GRAND VALLEY COLO - JOHN C CLEM RANCH 099885 31 ON- 04 04 71 1046 SIZE- 340 M3 OFF- 04 05 71 1020		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 099888 32 ON- 04 05 71 1025 SIZE- 360 M3 OFF- 04 06 71 1125		0.5E00	1.4E00	0.5E00	
GRAND VALLEY COLO - JOHN C CLEM RANCH 099887 31 ON- 04 05 71 1025 SIZE- 360 M3 OFF- 04 06 71 1125		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100005 32 ON- 04 06 71 1125 SIZE- 335 M3 OFF- 04 07 71 1045		0.7E00	1.8E00	0.5E00	

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 100004 31 ON- 04 06 71 1125 SIZE- 335 M3 OFF- 04 07 71 1045			ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100007 32 ON- 04 07 71 1045 SIZE- 356 M3 OFF- 04 08 71 1130		0.5E00	1.2E00	0.5E00	
GRAND VALLEY COLO - JOHN C CLEM RANCH 100006 31 ON- 04 07 71 1045 SIZE- 356 M3 OFF- 04 08 71 1130		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NFGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100139 32 ON- 04 08 71 1135 SIZE- 317 M3 OFF- 04 09 71 0935		0.5E00	1.4E00	0.5E00	
GRAND VALLEY COLO - JOHN C CLEM RANCH 100138 31 ON- 04 08 71 1135 SIZE- 317 M3 OFF- 04 09 71 0935		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100141 32 ON- 04 09 71 0940 SIZE- 371 M3 OFF- 04 10 71 1125		0.5E00	2.2E00	0.5E00	
GRAND VALLEY COLO - JOHN C CLEM RANCH 100140 31 ON- 04 09 71 0940 SIZE- 371 M3 OFF- 04 10 71 1125		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100143 32 ON- 04 10 71 1125 SIZE- 354 M3 OFF- 04 11 71 1205		0.6E00	1.9E00	0.4E00	
GRAND VALLEY COLO - JOHN C CLEM RANCH 100142 31 ON- 04 10 71 1125 SIZE- 354 M3 OFF- 04 11 71 1205		ND	ND	ND	
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100243 32 ON- 04 11 71 1205 SIZE- 324 M3 OFF- 04 12 71 1035		ND	ND	0.4E00	

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 100242 31 SIZE- 324 M3	ON- 04 11 71 OFF- 04 12 71	1205	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100330 32 SIZE- 327 M3	ON- 04 12 71 OFF- 04 13 71	1035	0.7E00	1.5E00	0.6E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 100329 31 SIZE- 327 M3	ON- 04 12 71 OFF- 04 13 71	1035	ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 100332 32 SIZE- 364 M3	ON- 04 13 71 OFF- 04 14 71	0920	0.7E00	2.0E00	0.3E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 100331 31 SIZE- 364 M3	ON- 04 13 71 OFF- 04 14 71	0920	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100494 32 SIZE- 364 M3	ON- 04 14 71 OFF- 04 15 71	1045	ND	1.0E00	0.4E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 100493 31 SIZE- 364 M3	ON- 04 14 71 OFF- 04 15 71	1045	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100496 32 SIZE- 335 M3	ON- 04 15 71 OFF- 04 16 71	1200	ND	ND	0.2E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 100495 31 SIZE- 335 M3	ON- 04 15 71 OFF- 04 16 71	1200	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100498 32 SIZE- 357 M3	ON- 04 16 71 OFF- 04 17 71	1125	ND	ND	0.3E00

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 100497 31 SIZE- 357 M3	ON- 04 16 71 1125 OFF- 04 17 71 1215		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100500 32 SIZE- 337 M3	ON- 04 17 71 1215 OFF- 04 18 71 1140		0.6E00	1.2E00	0.5E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 100499 31 SIZE- 337 M3	ON- 04 17 71 1215 OFF- 04 18 71 1140		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100582 32 SIZE- 399 M3	ON- 04 18 71 1140 OFF- 04 19 71 1530		ND	ND	0.3E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 100581 31 SIZE- 399 M3	ON- 04 18 71 1140 OFF- 04 19 71 1530		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100584 32 SIZE- 271 M3	ON- 04 19 71 1540 OFF- 04 20 71 1030		ND	ND	0.3E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 100583 31 SIZE- 271 M3	ON- 04 19 71 1540 OFF- 04 20 71 1030		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100649 32 SIZE- 364 M3	ON- 04 20 71 1055 OFF- 04 21 71 1210		ND	ND	0.2E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 100648 31 SIZE- 364 M3	ON- 04 20 71 1055 OFF- 04 21 71 1210		ND	ND	ND
-ANALYSIS---RESULT----2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100651 32 SIZE- 325 M3	ON- 04 21 71 1220 OFF- 04 22 71 1100		ND	ND	0.3E00

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 100650 31 SIZE- 325 M3	ON- 04 21 71 OFF- 04 22 71	1220	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100815 32 SIZE- 335 M3	ON- 04 22 71 OFF- 04 23 71	1120	ND	ND	0.4E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 100814 31 SIZE- 335 M3	ON- 04 22 71 OFF- 04 23 71	1120	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100817 32 SIZE- 348 M3	ON- 04 23 71 OFF- 04 24 71	1051	ND	ND	0.4E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 100816 31 SIZE- 348 M3	ON- 04 23 71 OFF- 04 24 71	1051	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100819 32 SIZE- 323 M3	ON- 04 24 71 OFF- 04 25 71	1120	0.9E00	1.4E00	0.8E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 100818 31 SIZE- 323 M3	ON- 04 24 71 OFF- 04 25 71	1120	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					
GRAND VALLEY COLO - JOHN C CLEM RANCH 100821 32 SIZE- 384 M3	ON- 04 25 71 OFF- 04 26 71	1100	1.3E00	2.3E00	0.8E00
GRAND VALLEY COLO - JOHN C CLEM RANCH 100820 31 SIZE- 384 M3	ON- 04 25 71 OFF- 04 26 71	1345	ND	ND	ND
-ANALYSIS---RESULT---2SIGMA---UNITS---					
GAMMA-SPECTRUM-NEGLIGIBLE					

ISOTOPIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/07/07	144CE PCI/M3	106RU PCI/M3	95ZR PCI/M3
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RIFLE COLO - ALEX C URQUHART DAIRY ND ND ND

89659 32 ON- 10 03 70 1110

SIZE- 344 M3 OFF- 10 04 70 1021

-ANALYSIS---RESULT----2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

RIFLE COLO - ALEX C URQUHART DAIRY ND ND ND

89799 32 ON- 10 04 70 1025

SIZE- 350 M3 OFF- 10 05 70 1003

-ANALYSIS---RESULT----2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

TLD RESULTS

<u>Location</u>	<u>Exposure Period</u>	<u>Gamma Exposure (mR/day)</u>	
	<u>Date Installed</u>	<u>Date Retrieved</u>	
Carbondale, Colo	9/18/70	10/10/70	0.27
	10/10/70	10/26/70	0.56
Collbran, Colo	9/19/70	10/10/70	0.33
	10/10/70	11/4/70	0.48
Collbran, Colo (6 mi. N.)	9/22/70	10/28/70	0.56
Collbran, Colo (6 mi. E., 6 mi. N.)	9/22/70	10/28/70	0.58
DeBeque, Colo	9/18/70	10/10/70	0.36
	10/10/70	11/6/70	0.59
Glenwood Springs, Colo	9/18/70	10/10/70	0.27
	10/10/70	10/26/70	0.50
Grand Junction, Colo	9/24/70	10/11/70	0.16
	10/11/70	11/4/70	0.40
Floyd Barrick Residence	9/16/70	10/10/70	0.46
	10/10/70	11/5/70	0.38
Grand Valley, Colo	9/18/70	10/10/70	0.18
	10/10/70	11/5/70	0.38
	11/5/70	12/21/70	0.35
	12/21/70	2/1/71	0.45
	2/1/71	2/25/71	0.38
	2/25/71	3/20/71	0.30
	3/20/71	4/28/71	0.54
Dutton Residence	9/19/70	10/10/70	0.48
	10/10/70	11/5/70	0.46
Mesa, Colo	9/20/70	10/10/70	0.30
	10/10/70	11/4/70	0.48
Paonia, Colo	9/22/70	10/11/70	0.32
	10/11/70	10/26/70	0.53
10 mi. NE of the Test Well	9/21/70	10/10/70	0.47
	10/10/70	10/26/70	0.50
12 mi. E of the Test Well	9/25/70	10/26/70	0.52
Rifle, Colo	9/16/70	10/10/70	0.29
	10/10/70	11/5/70	0.42
Scarrow Ranch	9/16/70	10/10/70	0.38
	10/10/70	11/5/70	0.46
Sefcovic Ranch	9/16/70	10/10/70	0.46
	10/10/70	11/5/70	0.46
Jackett Ranch	9/18/70	10/10/70	0.27
	10/10/70	11/5/70	0.42
Silt, Colo	9/18/70	10/10/70	0.32
	10/10/70	11/5/70	0.46

TLD RESULTS (CONTINUED)

<u>Location</u>	<u>Exposure Period</u>		<u>Gamma Exposure Ra (mR/day)</u>
	<u>Date Installed</u>	<u>Date Retrieved</u>	
John C. Clem Ranch	9/16/70	10/10/70	0.50
	10/10/70	11/5/70	0.46
	11/5/70	12/21/70	0.48
	12/21/70	2/1/71	0.43
	2/1/71	2/25/71	0.38
	2/25/71	3/20/71	0.39
	3/20/71	4/28/71	0.63
Old Control Point Pad	9/16/70	10/10/70	0.54
	10/10/70	11/5/70	0.54
A. L. McLane Ranch	9/16/70	10/10/70	0.42
	10/10/70	11/5/70	0.54
1 mi. N of the Test Well	9/16/70	10/10/70	0.50
	10/10/70	11/5/70	0.54
	11/5/70	12/21/70	0.44
	12/21/70	2/1/71	0.38
	2/1/71	2/25/71	0.42
	2/25/71	3/20/71	0.39
	3/20/71	4/28/71	0.38
4 3/4 mi N of Test Well	9/16/70	10/10/70	0.50
	10/10/70	11/6/70	0.52
	11/6/70	12/21/70	0.36
	12/21/70	2/1/71	0.45
	2/1/71	2/25/71	0.42
	2/25/71	3/20/71	0.39
	3/20/71	4/28/71	0.62

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED 75/05/29	3d PCV/L
ANVIL POINTS COLO RESIDENT NO 20 90048 41	DATE- 10 08 70	4.8E02
SIZE- .005 L		
ANVIL POINTS COLO RESIDENT NO 20 93006 41	DATE- 11 05 70	9.1E02
SIZE- .005 L		
ANVIL POINTS COLO RESIDENT NO 20 95390 41	DATE- 12 21 70	7.6E02
SIZE- .005 L		
ANVIL POINTS COLO RESIDENT NO 20 96924 41	DATE- 01 31 71	9.7E02
SIZE- .005 L		
ANVIL POINTS COLO RESIDENT NO 20 98694 41	DATE- 02 25 71	1.2E03
SIZE- .005 L		
ANVIL POINTS COLO RESIDENT NO 20 99574 41	DATE- 03 24 71	8.2E02
SIZE- .005 L		
ANVIL POINTS COLO RESIDENT NO 20 100959 41	DATE- 04 27 71	6.4E02
SIZE- .005 L		
COLLBRAK COLO RESIDENT NO 5 90034 41	DATE- 10 08 70	8.5E02
SIZE- .005 L		
COLLBRAK COLO RESIDENT NO 11 90039 41	DATE- 10 08 70	1.5E03
SIZE- .005 L		
COLLBRAK COLO RESIDENT NO 5 90992 41	DATE- 11 05 70	8.3E02
SIZE- .005 L		
COLLBRAK COLO RESIDENT NO 11 90997 41	DATE- 11 05 70	2.6E03
SIZE- .005 L		
COLLBRAK COLO RESIDENT NO 5 95376 41	DATE- 12 21 70	6.4E02
SIZE- .005 L		
COLLBRAK COLO RESIDENT NO 11 95381 41	DATE- 12 21 70	2.2E03
SIZE- .005 L		

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED 75/05/29	3H PCI/L
COLLBRAN COLO RESIDENT NO 6 96912 41 SIZE- .005 L	DATE- 01 31 71	8.2E02
COLLBRAN COLO RESIDENT NO 11 96917 41 SIZE- .005 L	DATE- 01 31 71	2.7E03
COLLBRAN COLO RESIDENT NO 11 98685 41 SIZE- .005 L	DATE- 02 25 71	3.4E03
COLLBRAN COLO RESIDENT NO 5 98680 41 SIZE- .005 L	DATE- 02 26 71	1.1E03
COLLBRAN COLO RESIDENT NO 11 99570 41 SIZE- .005 L	DATE- 03 25 71	2.7E03
COLLBRAN COLO RESIDENT NO 6 100945 41 SIZE- .005 L	DATE- 04 26 71	4.0E02
COLLBRAN COLO RESIDENT NO 11 100950 41 SIZE- .005 L	DATE- 04 26 71	2.0E03
GRAND VALLEY COLO PHS ID NO 103 89890 41 SIZE- .005 L	DATE- 10 05 70 0825	3.9E03
GRAND VALLEY COLO PHS ID NO 105 89748 41 SIZE- .005 L	DATE- 10 04 70 1600	1.1E03
GRAND VALLEY COLO PHS ID NO 115 89750 41 SIZE- .005 L	DATE- 10 04 70 1330	1.6E03
RULISON COLO PHS ID NO 114 89832 41 SIZE- .005 L	DATE- 10 04 70	4.0E03
GRAND VALLEY COLO PHS ID NO 104 89892 41 SIZE- .005 L	DATE- 10 04 70	1.0E03
GRAND VALLEY COLO PHS ID NO 105 89749 41 SIZE- .005 L	DATE- 10 05 70 1715	4.5E02

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	SH PCIZ/L
GRAND VALLEY COLO PHS ID NO 114 89833 41	DATE- 10 05 70	4.0E03
SIZE- .005 L		
GRAND VALLEY COLO PHS ID NO 104 89893 41	DATE- 10 05 70	9.3E02
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 7 90035 41	DATE- 10 08 70	5.8E03
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 8 90036 41	DATE- 10 08 70	7.7E02
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 10 90038 41	DATE- 10 08 70	8.0E02
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 13 90041 41	DATE- 10 08 70	9.3E02
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 18 90046 41	DATE- 10 08 70	5.8E02
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 19 90047 41	DATE- 10 08 70	8.5E02
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 7 90993 41	DATE- 11 05 70	5.5E03
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 8 90994 41	DATE- 11 05 70	9.1E02
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 10 90996 41	DATE- 11 05 70	9.5E02
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 13 90999 41	DATE- 11 05 70	6.1E02
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 18 93004 41	DATE- 11 05 70	7.7E02
SIZE- .005 L		

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCV/L

GRAND VALLEY COLO RESIDENT NO 19 93065 41	DATE- 11 05 70	SIZE- .005 L	8.1E02
GRAND VALLEY COLO RESIDENT NO 7 95377 41	DATE- 12 21 70	SIZE- .005 L	6.1E03
GRAND VALLEY COLO RESIDENT NO 5 95378 41	DATE- 12 21 70	SIZE- .005 L	5.8E02
RULISON COLO RESIDENT NO 18 95380 41	DATE- 12 21 70	SIZE- .005 L	6.3E02
GRAND VALLEY COLO RESIDENT NO 13 95383 41	DATE- 12 21 70	SIZE- .005 L	1.1E03
GRAND VALLEY COLO RESIDENT NO 18 95388 41	DATE- 12 21 70	SIZE- .005 L	1.2E03
GRAND VALLEY COLO RESIDENT NO 19 95389 41	DATE- 12 21 70	SIZE- .005 L	1.1E03
GRAND VALLEY COLO RESIDENT NO 7 99265 41	DATE- 12 24 70	SIZE- .005 L	4.7E03
GRAND VALLEY COLO RESIDENT NO 7 96913 41	DATE- 01 31 71	SIZE- .005 L	1.1E03
GRAND VALLEY COLO RESIDENT NO 8 96914 41	DATE- 01 31 71	SIZE- .005 L	5.3E02
GRAND VALLEY COLO RESIDENT NO 16 96916 41	DATE- 01 31 71	SIZE- .005 L	6.7E02
GRAND VALLEY COLO RESIDENT NO 13 96919 41	DATE- 01 31 71	SIZE- .005 L	4.9E02
GRAND VALLEY COLO RESIDENT NO 18 96922 41	DATE- 01 31 71	SIZE- .005 L	8.9E02

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED 75/05/29	3H PCIVL
GRAND VALLEY COLO RESIDENT NO 14 96923 41 SIZE- .005 L	DATE- 01 31 71	7.5E02
GRAND VALLEY COLO RESIDENT NO 7 98681 41 SIZE- .005 L	DATE- 02 25 71	5.9E03
GRAND VALLEY COLO RESIDENT NO 8 98682 41 SIZE- .005 L	DATE- 02 25 71	7.7E02
GRAND VALLEY COLO RESIDENT NO 16 98684 41 SIZE- .005 L	DATE- 02 25 71	7.4E02
GRAND VALLEY COLO RESIDENT NO 13 98687 41 SIZE- .005 L	DATE- 02 25 71	7.9E02
GRAND VALLEY COLO RESIDENT NO 18 98692 41 SIZE- .005 L	DATE- 02 25 71	4.3E02
GRAND VALLEY COLO RESIDENT NO 14 98693 41 SIZE- .005 L	DATE- 02 25 71	1.3E03
GRAND VALLEY COLO RESIDENT NO 8 99479 41 SIZE- .005 L	DATE- 03 21 71	5.0E02
GRAND VALLEY COLO RESIDENT NO 16 99481 41 SIZE- .005 L	DATE- 03 23 71	5.3E02
GRAND VALLEY COLO RESIDENT NO 18 99484 41 SIZE- .005 L	DATE- 03 23 71	7.6E02
GRAND VALLEY COLO RESIDENT NO 19 99485 41 SIZE- .005 L	DATE- 03 23 71	9.0E02
GRAND VALLEY COLO RESIDENT NO 7 99569 41 SIZE- .005 L	DATE- 03 24 71	6.1E03
GRAND VALLEY COLO RESIDENT NO 13 99571 41 SIZE- .005 L	DATE- 03 24 71	5.8E02

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCI/L

GRAND VALLEY COLO RESIDENT NO 7 100946 41	DATE- 04 26 71	5.8E03
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 8 100947 41	DATE- 04 26 71	LT4E02
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 17 100949 41	DATE- 04 26 71	4.5E02
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 13 100952 41	DATE- 04 26 71	6.2E02
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 18 100957 41	DATE- 04 26 71	5.2E02
SIZE- .005 L		
GRAND VALLEY COLO RESIDENT NO 19 100958 41	DATE- 04 26 71	LT4E02
SIZE- .005 L		
RIFLE COLO RESIDENT NO 4 90032 41	DATE- 10 08 70	1.4E03
SIZE- .005 L		
RIFLE COLO RESIDENT NO 4 90090 41	DATE- 11 05 70	1.7E03
SIZE- .005 L		
RIFLE COLO RESIDENT NO 4 95374 41	DATE- 12 21 70	1.2E03
SIZE- .005 L		
RIFLE COLO RESIDENT NO 4 98137 41	DATE- 02 03 71	1.9E03
SIZE- .005 L		
RIFLE COLO RESIDENT NO 4 98678 41	DATE- 02 25 71	1.2E03
SIZE- .005 L		
RIFLE COLO RESIDENT NO 4 99567 41	DATE- 03 24 71	1.4E03
SIZE- .005 L		
RIFLE COLO RESIDENT NO 4 100943 41	DATE- 04 27 71	1.2E03
SIZE- .005 L		

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	.3H PCI/L
RULISON COLO PHS ID NO 116 90026 41 SIZE- .005 L	DATE- 10 09 70	1815	1.8E03
RULISON COLO PHS ID NO 116 90027 41 SIZE- .005 L	DATE- 10 10 70	1815	1.8E03
RULISON COLO PHS ID NO 109 89743 41 SIZE- .005 L	DATE- 10 04 70	2115	1.7E03
RULISON COLO PHS ID NO 129 89745 41 SIZE- .005 L	DATE- 10 04 70	2145	1.7E03
RULISON COLO PHS ID NO 116 89751 41 SIZE- .005 L	DATE- 10 04 70	2200	1.7E03
RULISON COLO PHS ID NO 128 89754 41 SIZE- .005 L	DATE- 10 04 70		1.8E03
RULISON COLO PHS ID NO 106 89757 41 SIZE- .005 L	DATE- 10 04 70	2030	4.0E03
RULISON COLO PHS ID NO 124 89835 41 SIZE- .005 L	DATE- 10 04 70	1700	9.5E02
RULISON COLO PHS ID NO 129 89746 41 SIZE- .005 L	DATE- 10 05 70	1600	1.8E03
RULISON COLO PHS ID NO 115 89752 41 SIZE- .005 L	DATE- 10 05 70	1810	1.6E03
RULISON COLO PHS ID NO 128 89755 41 SIZE- .005 L	DATE- 10 05 70		1.6E03
RULISON COLO PHS ID NO 108 89758 41 SIZE- .005 L	DATE- 10 05 70	1800	3.5E03
RULISON COLO PHS ID NO 115 89761 41 SIZE- .005 L	DATE- 10 05 70	1810	1.7E03

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

BH
PCI/L

RULISON COLO PHS ID NO 124 89836 41	DATE- 10 05 70 1600	1.0E03
SIZE- .005 L		
RULISON COLO PHS ID NO 118 89886 41	DATE- 10 05 70 2130	1.4E03
SIZE- .005 L		
RULISON COLO PHS ID NO 116 89883 41	DATE- 10 06 70	1.3E03
SIZE- .005 L		
RULISON COLO PHS ID NO 116 89884 41	DATE- 10 06 70 1500	1.2E03
SIZE- .005 L		
RULISON COLO PHS ID NO 108 89887 41	DATE- 10 06 70 1925	3.0E03
SIZE- .005 L		
RULISON COLO PHS ID NO 105 89925 41	DATE- 10 06 70 1900	9.5E02
SIZE- .005 L		
RULISON COLO PHS ID NO 115 89980 41	DATE- 10 06 70 1030	1.2E03
SIZE- .005 L		
RULISON COLO PHS ID NO 105 89926 41	DATE- 10 07 70 1300	9.6E02
SIZE- .005 L		
RULISON COLO PHS ID NO 129 89968 41	DATE- 10 07 70 0430	1.1E03
SIZE- .005 L		
RULISON COLO PHS ID NO 115 89991 41	DATE- 10 07 70 1845	1.0E03
SIZE- .005 L		
RULISON COLO PHS ID NO 108 90022 41	DATE- 10 08 70 1845	4.7E03
SIZE- .005 L		
RULISON COLO PHS ID NO 116 90025 41	DATE- 10 08 70	2.0E03
SIZE- .005 L		
RULISON COLO RESIDENT NO 1 90029 41	DATE- 10 08 70	1.1E03
SIZE- .005 L		

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCI/L

RULISON COLO RESIDENT NO 2 90030 41 SIZE- .005 L	DATE- 10 08 70	8.9E02
RULISON COLO RESIDENT NO 3 90031 41 SIZE- .005 L	DATE- 10 08 70	1.0E03
RULISON COLO RESIDENT NO 9 90037 41 SIZE- .005 L	DATE- 10 08 70	3.0E03
RULISON COLO RESIDENT NO 12 90040 41 SIZE- .005 L	DATE- 10 08 70	1.1E03
RULISON COLO RESIDENT NO 16 90044 41 SIZE- .005 L	DATE- 10 08 70	6.4E02
RULISON COLO RESIDENT NO 17 90045 41 SIZE- .005 L	DATE- 10 08 70	1.0E03
RULISON COLO PHS ID NO 108 89888 41 SIZE- .005 L	DATE- 10 08 70 0805	3.9E03
RULISON COLO PHS ID NO 108 90023 41 SIZE- .005 L	DATE- 10 09 70 1830	4.8E03
RULISON COLO PHS ID NO 129 89982 41 SIZE- .005 L	DATE- 10 09 70 1515	1.4E03
RULISON COLO PHS ID NO 108 90024 41 SIZE- .005 L	DATE- 10 10 70 2030	4.5E03
RULISON COLO PHS ID NO 129 89983 41 SIZE- .005 L	DATE- 10 10 70 1030	1.1E03
RULISON COLO PHS ID NO 116 90028 41 SIZE- .005 L	DATE- 10 11 70	2.0E03
RULISON COLO PHS ID NO 129 89984 41 SIZE- .005 L	DATE- 10 11 70 2000	1.3E03

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/L
RULISON COLO PHS ID NO 129 89985 41	DATE-	10 12 70	0730
SIZE- .005 L			1.0E03
RULISON COLO RESIDENT NO 1 90987 41	DATE-	11 05 70	
SIZE- .005 L			8.5E02
RULISON COLO RESIDENT NO 2 90988 41	DATE-	11 05 70	
SIZE- .005 L			7.2E02
RULISON COLO RESIDENT NO 3 90989 41	DATE-	11 05 70	
SIZE- .005 L			9.5E02
RULISON COLO RESIDENT NO 9 90995 41	DATE-	11 05 70	
SIZE- .005 L			2.6E03
RULISON COLO RESIDENT NO 12 90998 41	DATE-	11 05 70	
SIZE- .005 L			7.0E02
RULISON COLO RESIDENT NO 16 93002 41	DATE-	11 05 70	
SIZE- .005 L			9.1E02
RULISON COLO RESIDENT NO 17 93003 41	DATE-	11 05 70	
SIZE- .005 L			8.5E02
RULISON COLO RESIDENT NO 1 95371 41	DATE-	12 21 70	
SIZE- .005 L			8.4E02
RULISON COLO RESIDENT NO 2 95372 41	DATE-	12 21 70	
SIZE- .005 L			4.3E02
RULISON COLO RESIDENT NO 3 95373 41	DATE-	12 21 70	
SIZE- .005 L			5.7E02
RULISON COLO RESIDENT NO 9 95379 41	DATE-	12 21 70	
SIZE- .005 L			2.7E03
RULISON COLO RESIDENT NO 12 95382 41	DATE-	12 21 70	
SIZE- .005 L			7.4E02

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCIV/L
RULISON COLO RESIDENT NO 16 95336 41 SIZE- .005 L			6.0E02
RULISON COLO RESIDENT NO 17 95387 41 SIZE- .005 L			9.5E02
RULISON COLO RESIDENT NO 9 99256 41 SIZE- .005 L			2.4E03
RULISON COLO RESIDENT NO 9 96813 41 SIZE- .005 L			1.4E03
RULISON COLO RESIDENT NO 1 96908 41 SIZE- .005 L			1.2E03
RULISON COLO RESIDENT NO 2 96909 41 SIZE- .005 L			8.8E02
RULISON COLO RESIDENT NO 3 96910 41 SIZE- .005 L			7.3E02
RULISON COLO RESIDENT NO 9 96915 41 SIZE- .005 L			9.8E02
RULISON COLO RESIDENT NO 12 96918 41 SIZE- .005 L			6.2E02
RULISON COLO RESIDENT NO 17 96921 41 SIZE- .005 L			6.6E02
RULISON COLO RESIDENT NO 15 96958 41 SIZE- .005 L			5.6E02
RULISON COLO RESIDENT NO 1 98675 41 SIZE- .005 L			7.1E02
RULISON COLO RESIDENT NO 2 98676 41 SIZE- .005 L			4.2E02

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/L
RULISON COLO RESIDENT NO 3 98677 41 SIZE- .005 L	DATE- 02 25 71	9.4E02
RULISON COLO RESIDENT NO 9 98683 41 SIZE- .005 L	DATE- 02 25 71	3.2E03
RULISON COLO RESIDENT NO 12 98686 41 SIZE- .005 L	DATE- 02 25 71	7.4E02
RULISON COLO RESIDENT NO 16 98690 41 SIZE- .005 L	DATE- 02 25 71	5.1E02
RULISON COLO RESIDENT NO 17 98691 41 SIZE- .005 L	DATE- 02 25 71	8.7E02
RULISON COLO RESIDENT NO 1 99476 41 SIZE- .005 L	DATE- 03 21 71	1.1E03
RULISON COLO RESIDENT NO 3 99478 41 SIZE- .005 L	DATE- 03 21 71	7.3E02
RULISON COLO RESIDENT NO 12 99482 41 SIZE- .005 L	DATE- 03 21 71	8.0E02
RULISON COLO RESIDENT NO 17 99483 41 SIZE- .005 L	DATE- 03 21 71	4.9E02
RULISON COLO RESIDENT NO 2 99477 41 SIZE- .005 L	DATE- 03 23 71	1.1E03
RULISON COLO RESIDENT NO 9 99480 41 SIZE- .005 L	DATE- 03 23 71	2.9E03
RULISON COLO RESIDENT NO 1 100940 41 SIZE- .005 L	DATE- 04 26 71	6.5E02
RULISON COLO RESIDENT NO 2 100941 41 SIZE- .005 L	DATE- 04 26 71	7.7E02

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCIV/L

RULISON COLO RESIDENT NO 3 100942 41 SIZE- .005 L	DATE- 04 26 71	7.2E02
RULISON COLO RESIDENT NO 9 100948 41 SIZE- .005 L	DATE- 04 26 71	2.5E03
RULISON COLO RESIDENT NO 12 100951 41 SIZE- .005 L	DATE- 04 26 71	7.9E02
RULISON COLO RESIDENT NO 17 100956 41 SIZE- .005 L	DATE- 04 26 71	4.4E02
RULISON COLO RESIDENT NO 15 100955 41 SIZE- .005 L	DATE- 04 27 71	4.5E02
SILT COLO RESIDENT NO 5 90033 41 SIZE- .005 L	DATE- 10 08 70	2.6E03
SILT COLO RESIDENT NO 14 90042 41 SIZE- .005 L	DATE- 10 08 70	1.0E03
SILT COLO RESIDENT NO 15 90043 41 SIZE- .005 L	DATE- 10 08 70	1.5E03
SILT COLO RESIDENT NO 2 90991 41 SIZE- .005 L	DATE- 11 05 70	1.1E03
SILT COLO RESIDENT NO 14 91000 41 SIZE- .005 L	DATE- 11 05 70	1.1E03
SILT COLO RESIDENT NO 15 93001 41 SIZE- .005 L	DATE- 11 05 70	1.2E03
SILT COLO RESIDENT NO 5 95375 41 SIZE- .005 L	DATE- 12 21 70	2.6E03
SILT COLO RESIDENT NO 14 95384 41 SIZE- .005 L	DATE- 12 21 70	9.5E02

UPINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO REPORTED 75/05/29 3H
PCI/L

SILT COLO RESIDENT NO 15 95386 41 SIZE- .005 L	1.3E03
SILT COLO RESIDENT NO 5 99254 41 SIZE- .005 L	3.0E03
SILT COLO RESIDENT NO 5 96557 41 SIZE- .005 L	1.1E03
SILT COLO RESIDENT NO 5 96911 41 SIZE- .005 L	1.1E03
SILT COLO RESIDENT NO 14 96920 41 SIZE- .005 L	8.8E02
SILT COLO RESIDENT NO 15 98126 41 SIZE- .005 L	4.8E03
SILT COLO RESIDENT NO 14 98638 41 SIZE- .005 L	LT4E02
SILT COLO RESIDENT NO 15 98689 41 SIZE- .005 L	3.7E03
SILT COLO RESIDENT NO 5 98674 41 SIZE- .005 L	3.1E03
SILT COLO RESIDENT NO 5 99568 41 SIZE- .005 L	2.9E03
SILT COLO RESIDENT NO 15 99573 41 SIZE- .005 L	3.8E03
SILT COLO RESIDENT NO 14 99572 41 SIZE- .005 L	1.2E03
RIFLE COLO RESIDENT NO 5 100944 41 SIZE- .005 L	2.6E03

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCIVL

SILT COLO RESIDENT NO 14 8.4E02
100953 41 DATE- 04 27 71
SIZE- .005 L

SILT COLO RESIDENT NO 15 3.3E03
100954 41 DATE- 04 27 71
SIZE- .005 L

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

NEVADA

REPORTED 75/05/29

3H
PCI/L

LAS VEGAS NEV PHS ID NO 115
 90090 41 DATE- 10 12 70
 SIZE- .005 L

1.2E03

LAS VEGAS NEV PHS ID NO 108
 90091 41 DATE- 10 12 70
 SIZE- .005 L

4.0E03

LAS VEGAS NEV PHS ID NO 108
 90305 41 DATE- 10 13 70
 SIZE- .005 L

4.5E03

LAS VEGAS NEV PHS ID NO 116
 90323 41 DATE- 10 13 70
 SIZE- .005 L

1.4E03

LAS VEGAS NEV PHS ID NO 108
 90304 41 DATE- 10 14 70
 SIZE- .005 L

4.4E03

LAS VEGAS NEV PHS ID NO 116
 90324 41 DATE- 10 14 70
 SIZE- .005 L

1.3E03

LAS VEGAS NEV PHS ID NO 108
 90325 41 DATE- 10 16 70
 SIZE- .005 L

3.8E03

LAS VEGAS NEV PHS ID NO 115
 90417 41 DATE- 10 16 70
 SIZE- .005 L

1.3E03

LAS VEGAS NEV PHS ID NO 116
 90418 41 DATE- 10 17 70
 SIZE- .005 L

1.5E03

LAS VEGAS NEV PHS ID NO 108
 90421 41 DATE- 10 17 70
 SIZE- .005 L

4.1E03

LAS VEGAS NEV PHS ID NO 116
 90419 41 DATE- 10 18 70
 SIZE- .005 L

1.3E03

LAS VEGAS NEV PHS ID NO 108
 90422 41 DATE- 10 18 70 2130
 SIZE- .005 L

4.3E03

LAS VEGAS NEV PHS ID NO 116
 90420 41 DATE- 10 19 70
 SIZE- .005 L

1.5E03

URINE SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

NEVADA

REPORTED 75/05/29

3H
PCIV/L

LAS VEGAS NEV PHS ID NO 116 1.1E03
90466 41 DATE- 10 20 70
SIZE- .005 L

LAS VEGAS NEV PHS ID NO 116 1.0E03
90467 41 DATE- 10 21 70
SIZE- .005 L

FOOD CROP SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/06	14C PCI/KG	3H PCI/KG
COLLBRAN COLO - WALLACE EITER RANCH 90096 51	DATE- 10 08 70 SIZE- 1.04 KG		LT7E03	6.2E02
-ANALYSIS---RESULT---2SIGMA---UNITS---				
K	1.6E00			
TYPE	ONION			
MOIS	64.4PCT			
3H*	9.6E02PCI L			
COLLBRAN COLO - WALLACE EITER RANCH 90139 51	DATE- 10 08 70 SIZE- 1.13 KG		NA	9.6E02
-ANALYSIS---RESULT---2SIGMA---UNITS---				
K	2.2E00			
TYPE	CARROT			
MOIS	86.6PCT			
3H*	1.1E03PCI L			
COLLBRAN COLO - JAMES STEVENSON RES 90137 51	DATE- 10 08 70 SIZE- .505 KG		NA	5.1E02
-ANALYSIS---RESULT---2SIGMA---UNITS---				
K	1.2E00			
TYPE	CARRAGE			
MOIS	86.2PCT			
3H*	5.9E02PCI L			
COLLBRAN COLO - JAMES STEVENSON RES 90138 51	DATE- 10 08 70 SIZE- 1.12 KG		NA	6.6E02
-ANALYSIS---RESULT---2SIGMA---UNITS---				
957R	7.0E01			
K	3.4E00			
TYPE	PARSNIP			
MOIS	76.2PCT			
3H*	8.6E02PCI L			
COLLBRAN COLO W DAVIS RESIDENCE 105524 51	DATE- 07 22 71 1200 SIZE- .275 KG		NA	8.1E02
-ANALYSIS---RESULT---2SIGMA---UNITS---				
NO-GAMMA-SCAN				
TYPE	MIXED-VEG			
MOIS	8.9E02	PCT		
3H*	9.1E02	3.3E02	PCI/L	

FOOD CROP SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/06	14C PCI/KG	3H PCI/KG
COLLBRAN COLO SCOTT WALCK RESIDENCE 105527 51	DATE-	07 22 71 1200	NA	6.8E02
SIZE- .730 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO-GAMMA-SCAN				
TYPE	MIXED-VEG			
MOIS	8.6E02	PCT		
3H*	7.9E02	3.3E02	PCI/L	
DEBEQUE COLO - THOMAS ETCHEVERRY RANCH 90151 51	DATE-	10 09 70 0730	NA	5.4E02
SIZE- 1.92 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
K	1.0E00			
TYPE	CABBAGE			
MOIS	80.6PCT			
3H*	6.7E02PCI L			
DEBEQUE COLO - THOMAS ETCHEVERRY RANCH 90205 51	DATE-	10 09 70 0730	NA	7.3E02
SIZE- .157 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
K	5.2E00			
TYPE	PEPPER			
MOIS	88.0PCT			
3H*	8.3E02PCI L			
DEBEQUE COLO - THOMAS ETCHEVERRY RANCH 90206 51	DATE-	10 09 70 0730	NA	6.6E02
SIZE- .643 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
K	2.4E00			
TYPE	SQUASH			
MOIS	93.0PCT			
3H*	7.2E02PCI L			
DEBEQUE COLO - THOMAS ETCHEVERRY RANCH 90207 51	DATE-	10 09 70 0730	NA	6.6E02
SIZE- 1.45 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
K	2.5E00			
TYPE	TOMATO			
MOIS	93.0PCT			
3H*	7.1E02PCI L			

FOOD CROP SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/06	14C PCI/KG	3H PCI/KG
GRAND VALLEY COLO CUTLER RESIDENCE 105526 51 DATE- 07 22 71 1200 SIZE- 1.39 KG			NA	2.3E02
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO-GAMMA-SCAN				
TYPE	MIXED-VEG			
MOIS	8.4E02	PCT		
3H*	2.7E02	3.2E02	PCI/L	
GRAND VALLEY COLO ROBICHAUD RESIDENCE 105529 51 DATE- 07 22 71 1200 SIZE- .110 KG			NA	8.1E02
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO-GAMMA-SCAN				
TYPE	MIXED-VEG			
MOIS	9.0E02	PCT		
3H*	9.0E02	3.3E02	PCI/L	
GRAND VALLEY COLO GLENN B SCHWAB 106135 51 DATE- 08 30 71 1015 SIZE- .778 KG			NA	6.9E02 (2.8E02)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	APPLE			
MOIS	8.6E01	PCT		
3H*	8.1E02	3.3E02	PCI/L	
GRAND VALLEY COLO GEORGE GARDNER 106136 51 DATE- 08 30 71 1100 SIZE- .614 KG			NA	8.2E02 (2.9E02)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	APPLE			
MOIS	8.5E01	PCT		
3H*	9.6E02	3.4E02	PCI/L	
GRAND VALLEY COLO GLENN B SCHWAB 106138 51 DATE- 08 30 71 1015 SIZE- .234 KG			NA	8.3E02 (2.8E02)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	PLUM			
MOIS	8.3E01	PCT		
3H*	9.9E02	3.4E02	PCI/L	
GRAND VALLEY COLO GEORGE GARDNER 106141 51 DATE- 08 30 71 1100 SIZE- .348 KG			NA	7.9E02 (3.0E02)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	PEAR			
MOIS	8.8E01	PCT		
3H*	9.0E02	3.4E02	PCI/L	

FOOD CROP SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/06	14C PCI/KG	3H PCI/KG
GRAND VALLEY COLO GEORGE GARDNER 106143 51	DATE-	08 30 71 1100	NA	5.3E02 (3.0E02)
SIZE- .110 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE PLUM				
MOIS 8.7E01		PCT		
3H* 6.1E02		3.4E02	PCI/L	
GRAND VALLEY COLO GLENN B SCHWAB 106144 51	DATE-	08 30 71 1015	NA	8.7E02 (3.0E02)
SIZE- .384 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE PEACH				
MOIS 8.6E01		PCT		
3H* 1.0E03		3.5E02	PCI/L	
GRAND VALLEY COLO GLENN B SCHWAB 106147 51	DATE-	08 30 71 1015	NA	8.4E02 (2.9E02)
SIZE- .241 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE PLUM				
MOIS 8.2E01		PCT		
3H* 1.0E03		3.5E02	PCI/L	
GRAND VALLEY COLO RONALD REESE RES 105528 51	DATE-	07 22 71 1200	NA	7.5E02
SIZE- 2.10 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO-GAMMA-SCAN				
TYPE MIXED-VEG				
MOIS 8.0E02		PCT		
3H* 9.3E02		3.2E02	PCI/L	
GRAND VALLEY COLO - A L MCLANE RANCH 90147 51	DATE-	10 08 70 1500	NA	4.8E02
SIZE- .930 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
K 1.3E00				
TYPE TOMATO				
MOIS 92.2PCT				
3H* 5.2E02PCI L				
GRAND VALLEY COLO - A L MCLANE RANCH 90184 51	DATE-	10 09 70 1500	NA	6.4E02
SIZE- 1.96 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
K 1.1E00				
TYPE CABBAGE				
MOIS 91.0PCT				
3H* 7.0E02PCI L				

FOOD CROP SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/06	14C PCI/KG	3H PCI/KG
GRAND VALLEY COLO ALBERT GARDNER 106137 51	DATE-	08 30 71 1225	NA	5.6E02 (2.7E02)
SIZE- .433 KG				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
TYPE	APPLE			
MOIS	8.3E01	PCT		
3H*	6.7E02	3.2E02	PCI/L	
GRAND VALLEY COLO - MARVIN M MARTIN RCH 106134 51	DATE-	08 30 71 1145	NA	9.2E02 (3.0E02)
SIZE- .587 KG				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
TYPE	APPLE			
MOIS	8.9E01	PCT		
3H*	1.0E03	3.4E02	PCT/L	
GRAND VALLEY COLO - MARVIN M MARTIN RCH 106145 51	DATE-	08 30 71 1145	NA	1.0E03 (3.0E02)
SIZE- .240 KG				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
TYPE	PLIJM			
MOIS	8.8E01	PCT		
3H*	1.2E03	3.4E02	PCI/L	
RIFLE COLO - DAVID G KEHR RANCH 90140 51	DATE-	10 10 70	NA	7.5E02
SIZE- 1.17 KG				
-ANALYSTS---RESULT---2SIGMA---UNITS---				
K	1.9E00			
TYPE	TOMATO			
MOIS	92.4PCT			
3H*	8.1E02PCI L			
RIFLE COLO - DAVID G KEHR RANCH 90152 51	DATE-	10 10 70 1440	LT7E03	1.0E03
SIZE- 1.99 KG				
-ANALYSTS---RESULT---2SIGMA---UNITS---				
K	1.1E00			
TYPE	TURNIP			
MOIS	88.8PCT			
3H*	1.1E03PCI L			
RIFLE COLO - JIM ESTES RANCH 90126 51	DATE-	10 10 70 1500	NA	LT3E02
SIZE- 1.34 KG				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
K	4.9E00			
TYPE	CARROT			
MOIS	81.6PCT			
3H*	LT4E02PCI L			

FOOD CROP SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/06	14C PCI/KG	3H PCI/KG
RIFLE COLO - JIM ESTES RANCH 90142 51	DATE-	10 10 70 1500	NA	4.3E02
SIZE- 1.14 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
K	5.8E00			
TYPE	RADISH			
MOIS	83.6PCT			
3H*	5.2E02PCI/L			
RULISON COLO MRS F M BARRICK 106133 51	DATE-	08 30 71 0945	NA	7.2E02 (2.8E02)
SIZE- .463 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	APPLE			
MOIS	8.8E01	PCT		
3H*	8.2E02	3.4E02	PCI/L	
RULISON COLO MRS F M BARRICK 106140 51	DATE-	08 30 71 0945	NA	8.2E02 (3.0E02)
SIZE- .456 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	PEACH			
MOIS	9.0E01	PCT		
3H*	9.1E02	3.3E02	PCI/L	
RULISON COLO MRS F M BARRICK 106146 51	DATE-	08 30 71 0945	NA	1.1E03 (3.1E02)
SIZE- .345 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	APRICOT			
MOIS	9.0E01	PCT		
3H*	1.2E03	3.4E02	PCI/L	
RULISON COLO GLEN G NELSON 106139 51	DATE-	08 30 71 1000	NA	8.8E02 (3.0E02)
SIZE- .464 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	PEACH			
MOIS	9.0E01	PCT		
3H*	9.8E02	3.4E02	PCI/L	
RULISON COLO GLEN G NELSON 106142 51	DATE-	08 30 71 1000	NA	1.1E03 (3.0E02)
SIZE- .249 KG				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	APRICOT			
MOIS	9.0E01	PCT		
3H*	1.2E03	3.4E02	PCI/L	

FOOD CROP SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	14C PCI/KG	3H PCI/KG
RULISON COLO - WALLACE MYERS RANCH 90097 51 SIZE- 1.02 KG -ANALYSIS---RESULT----2SIGMA---UNITS--- K 1.1E02 TYPE CHARD MOIS 80.2PCT 3H# 6.7E02PCI L	75/06/06 DATE- 10 10 70 1255	NA	5.4E02
RULISON COLO - WALLACE MYERS RANCH 90185 51 SIZE- 1.77 KG -ANALYSIS---RESULT----2SIGMA---UNITS--- K 3.1E00 TYPE CARROT MOIS 74.0PCT 3H# 5.7E02PCI L	DATE- 10 10 70 1255	NA	4.2E02
RULISON COLO - DON MOORE RANCH 90098 51 SIZE- 1.10 KG -ANALYSIS---RESULT----2SIGMA---UNITS--- K 2.4E00 TYPE CARROT MOIS 79.2PCT 3H# 7.1E02PCI L	DATE- 10 10 70 1240	NA	5.6E02
RULISON COLO - DON MOORE RANCH 90099 51 SIZE- 2.16 KG -ANALYSIS---RESULT----2SIGMA---UNITS--- K 1.3E00 TYPE BEET MOIS 75.0PCT 3H# 8.6E02PCI L	DATE- 10 10 70 1240	LT6E03	6.5E02
RULISON COLO - WILLIAM NICOL RANCH 90100 51 SIZE- .915 KG -ANALYSIS---RESULT----2SIGMA---UNITS--- K 1.1E00 TYPE CARROT MOIS 81.8PCT 3H# 5.9E02PCI L	DATE- 10 10 70 1545	NA	4.8E02

FOOD CROP SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	14C PCI/KG	3H PCI/KG
RULISON COLO - WILLIAM NICOL RANCH 90180 51 SIZE- .859 KG	DATE- 10 10 70 1545	NA	LT4E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
K	2.5E00		
TYPE	BEET		
MOIS	88.4PCT		
3H*	LT4E02PCI L		
RULISON COLO - WALLACE MYERS RANCH 105523 51 SIZE- .865 KG	DATE- 07 22 71 1200	NA	9.0E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO-GAMMA-SCAN			
TYPE	MIXED-VEG		
MOIS	9.1E02	PCT	
3H*	9.9E02	3.3E02	PCI/L
RULISON COLO - DON MOORE RANCH 105525 51 SIZE- 1.06 KG	DATE- 07 22 71 1200	NA	7.4E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
NO-GAMMA-SCAN			
TYPE	MIXED-VEG		
MOIS	8.6E02	PCT	
3H*	8.7E02	3.2E02	PCI/L
SILT COLO - DON FAZZIL RANCH 90141 51 SIZE- .890 KG	DATE- 10 08 70 1535	NA	7.9E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
K	1.7E00		
TYPE	CABBAGE		
MOIS	82.2PCT		
3H*	9.6E02PCI L		
SILT COLO - DON FAZZIL RANCH 90183 51 SIZE- .992 KG	DATE- 10 08 70 1535	NA	5.1E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
K	4.3E00		
TYPE	POTATO		
MOIS	68.6PCT		
3H*	7.5E02PCI L		

FOOD CROP SAMPLING RESULTS OCTOBER 4 1970 - MAY 3 1972

COLORADO	REPORTED	75/06/06	14C PCI/KG	3H PCI/KG
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SILT COLO - WARREN MCPHERSON RANCH
90101 51 DATE- 10 08 70

SIZE- 1.15 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

K 1.7E00

TYPE CAHRAGE

MOIS 88.2PCT

3H* 8.9E02PCI L

NA 7.8E02

SILT COLO - WARREN MCPHERSON RANCH
90182 51 DATE- 10 08 70

SIZE- 1.38 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

K 1.3E00

TYPE RADISH

MOIS 91.0PCT

3H* 4.6E02PCI L

NA 4.2E02

COW FEED SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCI/KG

COLLBRAN COLO - C W YOUNG DAIRY 2.0E02
90127 53 DATE- 10 08 70 1055

SIZE- .520 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE	1.9E03
95ZR	3.5E02
K	5.4E00
MOIS	19.0PCT
3H*	1.0E03PCI/L

COLLBRAN COLO - WILLIAM C EARLEY RANCH 2.5E02
90169 53 DATE- 10 08 70 1035

SIZE- .630 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE	3.8E02
106RU	7.9E02
95ZR	2.1E02
K	4.1E00
MOIS	29.8PCT
3H*	8.5E02PCI/L

COLLBRAN COLO - ARTHUR LINN RANCH 9.4E00
90128 53 DATE- 10 08 70 1200

SIZE- .513 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE	6.9E02
106RU	9.1E02
95ZR	2.1E02
K	4.8E00
MOIS	0.80PCT
3H*	1.2E03PCI/L

DEBEQUE COLO - C L RICKSTREW RANCH 4.1E02
90102 57 DATE- 10 10 70 0730

SIZE- .735 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE	9.5E02
106RU	1.5E03
95ZR	2.4E02
K	2.3E00
MOIS	62.0PCT
3H*	6.7E02PCI/L

GLENWOOD SPGS COLO- ROCK-N-PINES DAIRY LT2E02
90154 53 DATE- 10 09 70 1510

SIZE- .800 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

95ZR	5.0E01
K	2.6E00
MOIS	50.2PCT
3H*	LT4E02PCI/L

COW FEED SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO REPORTED 75/05/29 3H
PCI/KG

GRAND VALLEY COLO - A L MCLANE RANCH 7.3E01
90168 53 DATE- 10 09 70 1220

SIZE- .355 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE	1.5E03
95ZR	3.1E02
K	3.9E00
MOIS	10.0PCT
3H*	7.3E02PCI/L

GRAND VALLEY COLO - EDWARD FORSHEE RES 7.1E01
90173 53 DATE- 10 09 70 1100

SIZE- .432 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE	8.7E02
106RU	8.2E02
95ZR	1.8E02
K	3.5E00
MOIS	11.0PCT
3H*	6.5E02PCI/L

MESA COLO - RUPERT WASSON RANCH 3.3E02
90125 53 DATE- 10 08 70 1405

SIZE- .608 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

95ZR	1.4E03
K	5.5E00
MOIS	37.2PCT
3H*	8.8E02PCI/L

MOLINA COLO - GLEN TAYLOR DAIRY 1.0E02
90174 53 DATE- 10 08 70 0930

SIZE- .543 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE	6.4E02
106RU	1.1E03
95ZR	1.8E02
K	4.9E00
MOIS	21.4PCT
3H*	4.9E02PCI/L

RIFLE COLO - ALEX C URQUHART DAIRY 7.0E02
90175 55 DATE- 10 09 70 1610

SIZE- 1.79 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE	8.0E02
106RU	3.0E02
95ZR	1.4E02
K	2.7E00
MOIS	74.0PCT
3H*	9.5E02PCI/L

COW FEED SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO REPORTED 75/05/29 3H
PCI/KG

RULISON COLO - DONALD BURTARD RANCH 1.2E02
90170 53 DATE- 10 09 70 1315

SIZE- .743 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE 9.2E02

106RU 4.6E02

95ZR 2.6E02

K 6.4E00

MOIS 17.4PCT

3H* 6.6E02PCI/L

RULISON COLO - DONALD BURTARD RANCH LT3E02
90171 57 DATE- 10 09 70 1315

SIZE- .876 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE 4.8E02

106RU 1.2E03

95ZR 1.7E02

K 4.3E00

MOIS 72.4PCT

3H* LT4E02PCI/L

RULISON COLO - FELIX S SEFCOVIC RANCH 3.5E02
90129 57 DATE- 10 10 70 0950

SIZE- 1.19 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE 1.3E03

106RU 1.0E03

95ZR 2.4E02

K 0.7E00

MOIS 64.6PCT

3H* 5.4E02PCI/L

SILT COLO - RUFUS RALEY RANCH 2.8E02
90172 53 DATE- 10 09 70 1315

SIZE- .655 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

K 5.5E00

MOIS 44.8PCT

3H* 6.3E02PCI/L

SILT COLO - JAMES A FULLER RANCH LT2E02
90146 54 DATE- 10 09 70 0900

SIZE- .764 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE 1.6E03

106RU 1.7E03

137CS 1.1E02

K 2.0E00

MOIS 60.6PCT

3H* LT4E02PCI/L

COW FEED SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCI/KG

SILT COLO - D D HAYWOOD RANCH
90167 53 DATE- 10 10 70 0950

SIZE- .762 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE	1.4E03
106RU	9.3E02
95ZR	2.8E02
K	4.4E00
MOIS	62.8PCT
3H*	4.7E02PCI/L

WILDLIFE AND DOMESTIC ANIMAL SAMPLING RESULTS OCT 4 1970 - JULY, 1971

COLORADO	REPORTED	75/05/29	3H PCI/KG
COLLBRAN COLO VEGA RSVR AREA 97040 61 DATE- 11 02 70 SIZE- .351 KG			6.3E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
K	3.1E00		
H2O	81.2PCT		
3H*	7.8E02PCI/L		
TYPE	COWELK		
GRAND VALLEY COLO BATTLEMENT MESA 92217 69 DATE- 11 04 70 SIZE- KG			4.6E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE	MULEDR		
H2O	69.6PCT		
3H*	6.6E02PCI/L		
GRAND VALLEY COLO BATTLEMENT MESA 92218 69 DATE- 11 04 70 SIZE- KG			6.4E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE	MULEDR		
H2O	72.2PCT		
3H*	8.8E02PCI/L		
GRAND VALLEY COLO BATTLEMENT MESA 92219 69 DATE- 11 04 70 SIZE- KG			3.9E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE	MULEDR		
H2O	67.1PCT		
3H*	5.8E02PCI/L		
GRAND VALLEY COLO BATTLMNT MESA 97005 61 DATE- 11 06 70 SIZE- .235 KG			6.7E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
K	4.4E00		
H2O	73.8PCT		
3H*	9.1E02PCI/L		
TYPE	ELK		
GRAND VALLEY COLO BATTLMNT MESA 97038 61 DATE- 11 07 70 SIZE- .322 KG			6.9E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
K	3.2E00		
H2O	72.2PCT		
3H*	9.5E02PCI/L		
TYPE	BULLELK		

WILDLIFE AND DOMESTIC ANIMAL SAMPLING RESULTS OCT 4 1970 - JULY 1971

COLORADO	REPORTED	75/05/29	3H PCI/KG
GRAND VALLEY COLO 5 MI E 97237 69 DATE- 04 07 71 1215 SIZE- .077 KG -ANALYSIS---RESULT----2SIGMA---UNITS---			7.9E02
K	3.6E00		
TYPE	MLDEER		
MOIS	78.0PCT		
3H*	1.0E03PCI/L		
GRAND VALLEY COLO - DAN DUPLICE RANCH 92215 68 DATE- 11 06 70 SIZE- .005 L -ANALYSIS---RESULT----2SIGMA---UNITS---			7.5E02
TYPE	SHEEP		
GRAND VALLEY COLO - DAN DUPLICE RANCH 98771 68 DATE- 03 01 71 1015 SIZE- .005 L -ANALYSIS---RESULT----2SIGMA---UNITS---			5.8E02
TYPE	SHEEP		
GRAND VALLEY COLO - DAN DUPLICE RANCH 97224 68 DATE- 03 22 71 1030 SIZE- .005 L -ANALYSIS---RESULT----2SIGMA---UNITS---			8.6E02
TYPE	SHEEP		
GRAND VALLEY COLO - DAN DUPLICE RANCH 97225 68 DATE- 03 22 71 1045 SIZE- .005 L -ANALYSIS---RESULT----2SIGMA---UNITS---			7.6E02
TYPE	COW		
GRAND VALLEY COLO - DAN DUPLICE RANCH 101011 68 DATE- 04 28 71 0945 SIZE- .005 L -ANALYSIS---RESULT----2SIGMA---UNITS---			LT4E02
TYPE	EWE		
GRAND VALLEY COLO - H W ARNETT RES 92222 60 DATE- 11 06 70 SIZE- 1.06 KG -ANALYSIS---RESULT----2SIGMA---UNITS---			NA
239PU	LT5E-02		
238PU	LT9E-02		
TYPE	HOG		

WILDLIFE AND DOMESTIC ANIMAL SAMPLING RESULTS OCT 4 1970 - JULY 1971

COLORADO

REPORTED 75/05/29

3H
PCI/KG

GRAND VALLEY COLO - TEST WELL 1.3E05

98783 62 DATE- 03 02 71 1145

SIZE- .095 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

TYPE PRCPN

MOIS 70.8PCT

3H* 1.8E05PCI/L

GRAND VALLEY COLO - TEST WELL 1.2E05

98784 60 DATE- 03 02 71 1145

SIZE- .025 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

TYPE PRCPN

MOIS 77.0PCT

3H* 1.6E05PCI/L

GRAND VALLEY COLO - TEST WELL 1.2E05

98785 60 DATE- 03 02 71 1145

SIZE- .013 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

TYPE PRCPN

MOIS 77.3PCT

3H* 1.6E05PCI/L

GRAND VALLEY COLO - TEST WELL 2.5E04

98786 62 DATE- 03 02 71 1215

SIZE- .100 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

TYPE PRCPN

MOIS 70.5PCT

3H* 3.6E04PCI/L

GRAND VALLEY COLO - TEST WELL 2.9E04

98787 60 DATE- 03 02 71 1215

SIZE- .018 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

TYPE PRCPN

MOIS 77.5PCT

3H* 3.8E04PCI/L

GRAND VALLEY COLO - TEST WELL 2.4E04

98788 60 DATE- 03 02 71 1215

SIZE- .010 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

TYPE PRCPN

MOIS 71.4PCT

3H* 3.4E04PCI/L

WILDLIFE AND DOMESTIC ANIMAL SAMPLING RESULTS OCT 4 1970 - JULY 1971

COLORADO	REPORTED 75/05/29	3H PCI/KG
RIFLE COLO 1 MI N OF RIFLE 92220 69 DATE- 10 27 70		4.6E02
SIZE- .185 KG		
-ANALYSIS---RESULT----2SIGMA---UNITS---		
TYPE	BOVINE	
H2O	72.0PCT	
3H*	6.4E02PCI/L	
RIFLE COLO - 2.2 MI W OF RIFLE 97223 69 DATE- 03 23 71		5.9E02
SIZE- .185 KG		
-ANALYSIS---RESULT----2SIGMA---UNITS---		
K	2.8E00	
TYPE	MLDEER	
NOIS	82.8PCT	
3H*	7.1E02PCI/L	
RULISON COLO 1 MI W OF RULISON 92221 69 DATE- 10 14 70		3.1E02
SIZE- .185 KG		
-ANALYSIS---RESULT----2SIGMA---UNITS---		
TYPE	HOG	
H2O	72.8PCT	
3H*	4.2E02PCI/L	
RULISON COLO - DONALD BURTARD RANCH 92216 68 DATE- 11 06 70		1.2E03
SIZE- .005 L		
-ANALYSIS---RESULT----2SIGMA---UNITS---		
TYPE	COW	
RULISON COLO - DONALD BURTARD RANCH 97001 68 DATE- 12 21 70 1025		4.2E02
SIZE- .005 L		
-ANALYSIS---RESULT----2SIGMA---UNITS---		
TYPE	COW	
RULISON COLO - DONALD BURTARD RANCH 97002 68 DATE- 12 21 70 1025		LT4E02
SIZE- .005 L		
-ANALYSIS---RESULT----2SIGMA---UNITS---		
TYPE	SHEEP	
RULISON COLO - DONALD BURTARD RANCH 98770 68 DATE- 03 01 71 1035		4.5E02
SIZE- .005 L		
-ANALYSIS---RESULT----2SIGMA---UNITS---		
TYPE	COW	

WILDLIFE AND DOMESTIC ANIMAL SAMPLING RESULTS OCT 4 1970 - JULY 1971

COLORADO

REPORTED 75/05/29

3H
PCI/KG

RULISON COLO - DONALD BURTARD RANCH
101012 68 DATE- 04 28 71 1000
SIZE-.005 L
-ANALYSIS---RESULT----2SIGMA---UNITS---
TYPE COW

1.0E03

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO	REPORTED	75/05/30	3H PCI/KG
COLLBRAN COLO			4.7E02
90103 71	DATE-	10 08 70 1200	
SIZE- 1.72 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	6.2E02		
106RU	2.7E02		
95ZR	1.2E02		
K	2.3E00		
MOIS	63.4PCT		
3H*	7.5E02PCI/L		
14C	LT8E03		
COLLBRAN COLO			6.9E02
90965 71	DATE-	11 05 70 0815	
SIZE- 1.79 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	55.6PCT		
3H*	1.2E03PCI/L		
COLLBRAN COLO			6.7E02
103303 71	DATE-	05 31 71 1100	
SIZE- .832 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	67.4PCT		
3H*	9.9E02PCI/L		
COLLBRAN COLO - ARTHUR LINN RANCH			3.5E02
90148 71	DATE-	10 08 70 1245	
SIZE- 1.47 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	1.1E03		
106RU	7.5E02		
95ZR	1.9E02		
K	1.1E00		
MOIS	70.2PCT		
3H*	5.0E02PCI/L		
14C	LT6E03		
COLLBRAN COLO - ARTHUR LINN RANCH			5.7E02
90966 71	DATE-	11 05 70 0900	
SIZE- 1.63 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	42.0PCT		
3H*	1.3E03PCI/L		
COLLBRAN COLO - ARTHUR LINN RANCH			2.7E02
95635 71	DATE-	12 21 70 0920	
SIZE- 510 GM			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	32.6PCT		
3H*	8.2E02PCI/L		

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO	REPORTED	75/05/30	3H PCI/KG
COLLBRAN COLO - ARTHUR LINN RANCH			1.0E03
100810 71	DATE-	04 26 71 1100	
SIZE- 1.40 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	57.8PCT		
3H*	1.8E03PCI/L		
COLLBRAN COLO - ARTHUR LINN RANCH			LT3.1E02
103302 71	DATE-	05 31 71 1210	
SIZE- .602 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	77.2PCT		
3H*	LT4.E02PC/L		
COLLBRAN COLO - BRUSH CREEK			1.7E03
103291 74	DATE-	05 31 71 1140	
SIZE- .105 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	71.8PCT		
3H*	2.4E03PCI/L		
DEBEQUE COLO - PLOT 11			5.9E02
90153 71	DATE-	10 09 70 0845	
SIZE- 1.63 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	8.0E02		
106RU	5.8E02		
95ZR	2.0E02		
K	2.5E00		
MOIS	57.8PCT		
3H*	1.0E03PCI/L		
14C	LT8E03		
DEBEQUE COLO - PLOT 11			3.8E02
95631 71	DATE-	12 21 70 1210	
SIZE- 1100 GM			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	34.4PCT		
3H*	1.1E03PCI/L		
DEBEQUE COLO - PLOT 11			6.9E02
100994 71	DATE-	04 27 71 1325	
SIZE- 2.41 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	62.0PCT		
3H*	1.1E03PCI/L		

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO

REPORTED 75/05/30

3H
PCI/KG

DEBEQUE COLO - PLOT 11

103297 71 DATE- 06 02 71 1500

SIZE- .370 KG

6.1E02

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 64.0PCT

3H* 9.6E02PCI/L

COLLBRAN COLO

95630 71 DATE- 12 21 70 0725

SIZE- 990 GM

4.2E02

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 35.4PCT

3H* 1.2E03PCI/L

COLLBRAN COLO

100808 71 DATE- 04 26 71 1300

SIZE- 1.89 KG

1.2E03

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 72.2PCT

3H* 1.7E03PCI/L

GRAND VALLEY COLO .1 MI N TEST WELL

103301 71 DATE- 06 01 71 1100

SIZE- .307 KG

1.9E03

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 48.0PCT

3H* 4.0E03PCI/L

GRAND VALLEY COLO .1 MI NW TEST WELL

103306 74 DATE- 06 01 71 1100

SIZE- .46 KG

2.4E03

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 64.2PCT

3H* 3.8E03PCI/L

GRAND VALLEY COLO - JOHN C CLEM RANCH

90130 74 DATE- 10 10 70 1230

SIZE- 1.39 KG

2.9E02

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 69.2PCT

3H* 4.1E02PCI/L

144CE 1.1E03

106RU 1.1E03

137CS 3.0E01

95ZR 2.2E02

K 1.6E00

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO	REPORTED	75/05/30	3H PCI/KG
GRAND VALLEY COLO - JOHN C CLEM RANCH 100995 74 SIZE- .967 KG	DATE- 04 28 71 0940		8.2E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	78.2PCT		
3H*	1.0E03PCI/L		
GRAND VALLEY COLO - JOHN C CLEM RANCH 103288 74 SIZE- .450 KG	DATE- 06 02 71 1320		8.8E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	62.6PCT		
3H*	1.4E03PCI/L		
GRAND VALLEY COLO - DAN DUPLICE RANCH 100997 74 SIZE- .900 KG	DATE- 04 28 71 0915		1.2E03
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	77.0PCT		
3H*	1.6E03PCI/L		
GRAND VALLEY COLO - DAN DUPLICE RANCH 103286 74 SIZE- .380 KG	DATE- 06 01 71 1505		1.2E03
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	62.0PCT		
3H*	1.9E03PCI/L		
GRAND VALLEY COLO - CONTROL POINT PAD 89739 74 SIZE- .945 KG	DATE- 10 05 70 1305		6.1E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	9.8E02		
106RU	9.7E02		
95ZR	2.1E02		
K	3.6E00		
MOIS	58.0PCT		
3H*	1.0E03PCI/L		
GRAND VALLEY COLO - PLOT 2 90181 71 SIZE- 1.37 KG	DATE- 10 10 70 0950		2.5E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	1.2E03		
106RU	7.5E02		
137CS	1.5E02		
95ZR	2.2E02		
K	1.1E00		
MOIS	52.0PCT		
3H*	4.8E02PCI/L		

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO	REPORTED	75/05/30	3H PCI/KG
GRAND VALLEY COLO - PLOT 2			3.1E02
90971 71 DATE- 11 05 70 1420			
SIZE- 1.69 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	54.4PCT		
3H*	5.7E02PCI/L		
GRAND VALLEY COLO - PLOT 2			6.8E02
95636 71 DATE- 12 20 70 1445			
SIZE- 625 GM			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	45.0PCT		
3H*	1.5E03PCI/L		
GRAND VALLEY COLO - PLOT 2			6.7E02
100996 71 DATE- 04 28 71 1230			
SIZE- 1.37 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	42.0PCT		
3H*	1.6E03PCI/L		
GRAND VALLEY COLO - PLOT 2			1.1E03
103295 71 DATE- 06 01 71 1315			
SIZE- .281 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	61.6PCT		
3H*	1.8E03PCI/L		
GRAND VALLEY COLO - PLOT 3			3.4E02
90178 71 DATE- 10 09 70 1455			
SIZE- 1.37 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	1.0E03		
106RU	9.6E02		
95ZR	2.5E02		
K	2.1E00		
MOIS	45.8PCT		
3H*	7.4E02PCI/L		
14C	LT8E03		
GRAND VALLEY COLO - PLOT 3			9.5E02
100992 71 DATE- 04 27 71 1600			
SIZE- 1.54 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	70.0PCT		
3H*	1.4E03PCI/L		

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO

REPORTED. 75/05/30

3H
PCI/KG

GRAND VALLEY COLO - PLOT 3 7.1E02
103293 71 DATE- 06 01 71 1355

SIZE- .200 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 50.6PCT
3H* 1.4E03PCI/L

GRAND VALLEY COLO - PLOT 4 3.2E02
90176 71 DATE- 10 09 70 1340

SIZE- 1.63 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE 8.2E02
106RU 6.7E02
95ZR 1.9E02
K 2.6E00
MOIS 62.6PCT
3H* 5.0E02PCI/L

GRAND VALLEY COLO - PLOT 4 4.2E02
90963 71 DATE- 11 05 70 1345

SIZE- 1.35 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 48.2PCT
3H* 8.6E02PCI/L

GRAND VALLEY COLO - PLOT 4 2.8E02
95634 71 DATE- 12 20 70 1520

SIZE- 890 GM

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 25.8PCT
3H* 1.1E03PCI/L

GRAND VALLEY COLO - PLOT 4 6.8E02
100999 71 DATE- 04 28 71 1300

SIZE- 1.48 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 66.2PCT
3H* 1.0E03PCI/L

GRAND VALLEY COLO - PLOT 4 8.9E02
103292 71 DATE- 06 01 71 1455

SIZE- .377 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 68.6PCT
3H* 1.3E03PCI/L

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO	REPORTED	75/05/30	3H PCI/KG
GRAND VALLEY COLO - PLOT 5 90131 71 DATE- 10 10 70 1210 SIZE- 1.42 KG			6.2E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	1.3E03		
106RU	7.3E02		
95ZR	2.2E02		
K	1.7E00		
MOIS	67.8PCT		
3H*	9.1E02PCI/L		
14C	LT7E03		
GRAND VALLEY COLO - PLOT 6 90132 71 DATE- 10 10 70 1130 SIZE- 1.80 KG			4.3E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	1.4E03		
106RU	7.5E02		
95ZR	2.6E02		
K	2.1E00		
MOIS	66.4PCT		
3H*	6.5E02PCI/L		
GRAND VALLEY COLO - PLOT 7 90150 71 DATE- 10 09 70 0940 SIZE- 1.12 KG			5.2E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	1.8E03		
106RU	1.2E03		
95ZR	3.7E02		
K	3.2E00		
MOIS	60.8PCT		
3H*	8.6E02PCI/L		
GRAND VALLEY COLO - PLOT 8 90105 71 DATE- 10 09 70 1145 SIZE- .913 KG			5.4E02
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	1.7E03		
106RU	1.4E03		
95ZR	2.9E02		
K	3.2E00		
MOIS	49.0PCT		
3H*	1.1E03PCI/L		
14C	LT8E03		

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO

REPORTED 75/05/30

3H
PCI/KG

GRAND VALLEY COLO - PLOT 8 2.8E02
90970 71 DATE- 11 05 70 1230

SIZE- 1.01 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 41.8PCT

3H* 6.8E02PCI/L

GRAND VALLEY COLO - PLOT 8 2.9E02
95637 71 DATE- 12 20 70 1600

SIZE- 1030 GM

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 33.6PCT

3H* 8.6E02PCI/L

GRAND VALLEY COLO - PLOT 8 7.5E02
98656 71 DATE- 02 27 71 1420

SIZE- .535 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 50.0PCT

3H* 1.5E03PCI/L

GRAND VALLEY COLO - PLOT 8 5.6E02
101002 71 DATE- 04 27 71 1435

SIZE- 1.92 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 66.0PCT

3H* 8.4E02PCI/L

GRAND VALLEY COLO - PLOT 8 LT3.3E02
103298 71 DATE- 06 01 71 1530

SIZE- .470 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 81.6PCT

3H* LT4.E02PC/L

GRAND VALLEY COLO .25 MI N TEST WELL 1.3E03
90149 71 DATE- 10 10 70 0800

SIZE- 1.47 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE 5.6E02

106RU 4.1E02

95ZR 1.1E02

K 2.2E00

MOIS 43.4PCT

3H* 3.0E03PCI/L

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO	REPORTED	75/05/30	3H PCI/KG
GRAND VALLEY COLO .25 MI N TEST WELL 90825 71 DATE- 11 04 70 1400			1.6E03
SIZE- .711 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	56.4PCT		
3H*	2.9E03PCI/L		
GRAND VALLEY COLO .25 MI N TEST WELL 90964 74 DATE- 11 05 70 1600			1.0E03
SIZE- .381 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	42.0PCT		
3H*	2.5E03PCI/L		
GRAND VALLEY COLO .25 MI N TEST WELL 100990 74 DATE- 04 28 71 1105			4.3E03
SIZE- .870 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	62.4PCT		
3H*	6.9E03PCI/L		
GRAND VALLEY COLO .25 MI N TEST WELL 103287 71 DATE- 06 01 71 1130			2.2E03
SIZE- .175 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	70.0PCT		
3H*	3.2E03PCI/L		
GRAND VALLEY COLO .5 MI N TEST WELL 90104 71 DATE- 10 10 70 0815			1.4E03
SIZE- 1.46 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	9.5E02		
106RU	1.2E03		
95ZR	1.9E02		
K	3.0E00		
MOIS	74.2PCT		
3H*	1.8E03PCI/L		
GRAND VALLEY COLO .5 MI N TEST WELL 90824 71 DATE- 11 04 70 1430			9.3E02
SIZE- .718 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	47.8PCT		
3H*	2.0E03PCI/L		

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO	REPORTED	75/05/30	3H PCI/KG
GRAND VALLEY COLO .5 MI N TEST WELL 90972 74	DATE-	11 05 70 1535	7.9E02
SIZE- .345 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	49.4PCT		
3H*	1.6E03PCI/L		
GRAND VALLEY COLO .5 MI N TEST WELL 101000 74	DATE-	04 28 71 1140	1.3E03
SIZE- .650 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	42.6PCT		
3H*	3.2E03PCI/L		
GRAND VALLEY COLO .5 MI N TEST WELL 103290 71	DATE-	06 01 71 1150	1.8E03
SIZE- .170 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	66.8PCT		
3H*	2.7E03PCI/L		
GRAND VALLEY COLO - SPEC STA A-X 89733 74	DATE-	10 05 70 1600	7.6E03
SIZE- .140 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	3.4E03		
106RU	4.2E03		
95ZR	8.0E02		
K	2.7E00		
MOIS	36.0PCT		
3H*	2.1E04PCI/L		
GRAND VALLEY COLO - SPEC STA B-III 89738 74	DATE-	10 05 70 1130	8.5E02
SIZE- .350 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	2.8E03		
106RU	3.2E03		
95ZR	6.6E02		
K	4.1E00		
MOIS	18.0PCT		
3H*	4.7E03PCI/L		
RULISON COLO - DONALD BURTARD RANCH 100998 74	DATE-	04 28 71 1015	8.4E02
SIZE- 1.02 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	78.0PCT		
3H*	1.1E03PCI/L		

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO	REPORTED	75/05/30	3H PCI/KG
RULISON COLO - DONALD BURTARD RANCH 103289 74 DATE- 06 02 71 1145			1.0E03
SIZE- .512 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	66.4PCT		
3H*	1.5E03PCI/L		
RULISON COLO - PLOT 9 90134 71 DATE- 10 09 70 1545			5.1E02
SIZE- .980 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	1.2E03		
106RU	7.7E02		
95ZR	2.3E02		
K	2.8E00		
MOIS	54.2PCT		
3H*	9.4E02PCI/L		
RULISON COLO - PLOT 9 90969 71 DATE- 11 05 70 1310			3.4E02
SIZE- 1.21 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	44.0PCT		
3H*	7.8E02PCI/L		
RULISON COLO - PLOT 9 95638 71 DATE- 12 20 70 1515			3.0E02
SIZE- 698 GM			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	30.0PCT		
3H*	1.0E03PCI/L		
RULISON COLO - PLOT 9 100991 71 DATE- 04 28 71 0920			9.2E02
SIZE- 1.93 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	70.4PCT		
3H*	1.3E03PCI/L		
RULISON COLO - PLOT 9 103296 71 DATE- 06 02 71 1100			6.6E02
SIZE- .360 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	60.4PCT		
3H*	1.1E03PCI/L		

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO	REPORTED	3H PCI/KG
RULISON COLO - PLOT 10 90177 71	DATE- 10 09 70 1250	3.3E02
SIZE- 1.22 KG		
-ANALYSIS---RESULT----2SIGMA---UNITS---		
144CE	1.2E03	
106RU	1.1E03	
95ZR	2.6E02	
K	2.5E00	
MOIS	50.4PCT	
3H*	6.6E02PCI/L	
RULISON COLO - SPEC STA A-VII 89735 74	DATE- 10 05 70 1610	3.2E03
SIZE- .098 KG		
-ANALYSIS---RESULT----2SIGMA---UNITS---		
95ZR	8.5E02	
K	9.2E00	
MOIS	30.0PCT	
3H*	1.1E04PCI/L	
RULISON COLO - SPEC STA A-IX 89734 74	DATE- 10 05 70 1600	7.0E03
SIZE- .501 KG		
-ANALYSIS---RESULT----2SIGMA---UNITS---		
144CE	1.6E03	
106RU	1.5E03	
95ZR	3.7E02	
K	3.2E00	
MOIS	46.0PCT	
3H*	1.5E04PCI/L	
RULISON COLO - SPEC STA A-XI 89736 74	DATE- 10 05 70 1615	9.6E02
SIZE- .149 KG		
-ANALYSIS---RESULT----2SIGMA---UNITS---		
95ZR	4.4E02	
K	2.6E00	
MOIS	60.0PCT	
3H*	1.6E03PCI/L	
RULISON COLO - SPEC STA B-I 89737 74	DATE- 10 05 70 1130	4.1E02
SIZE- .993 KG		
-ANALYSIS---RESULT----2SIGMA---UNITS---		
144CE	4.6E03	
106RU	4.1E03	
137CS	1.2E02	
95ZR	1.0E03	
K	2.0E00	
MOIS	30.0PCT	
3H*	1.4E03PCI/L	

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO REPORTED 75/05/30 3H
PCI/KG

RULISON COLO - PLOT 1 3.5E02
90179 71 DATE- 10 10 70 0850

SIZE- 1.21 KG

-ANALYSIS---RESULT---2SIGMA---UNITS---

144CE	1.2E03
106RU	7.1E02
137CS	2.9E02
95ZR	2.9E02
K	1.0E00
MOIS	50.4PCT
3H*	7.0E02PCI/L

RULISON COLO - PLOT 1 3.9E02
90973 71 DATE- 11 05 70 1450

SIZE- 1.35 KG

-ANALYSIS---RESULT---2SIGMA---UNITS---

MOIS	49.2PCT
3H*	7.9E02PCI/L

RULISON COLO - PLOT 1 1.0E03
101001 71 DATE- 04 28 71 1200

SIZE- 1.13 KG

-ANALYSIS---RESULT---2SIGMA---UNITS---

MOIS	51.2PCT
3H*	2.0E03PCI/L

RULISON COLO - PLOT 1 8.6E02
103304 71 DATE- 06 01 71 1250

SIZE- .208 KG

-ANALYSIS---RESULT---2SIGMA---UNITS---

MOIS	71.6PCT
3H*	1.2E03PCI/L

SILT COLO 7.0E02
90133 71 DATE- 10 08 70 1650

SIZE- 1.44 KG

-ANALYSIS---RESULT---2SIGMA---UNITS---

144CE	7.3E02
106RU	4.6E02
95ZR	1.8E02
K	3.0E00
MOIS	57.8PCT
3H*	1.2E03PCI/L

SILT COLO 4.8E02
90962 71 DATE- 11 05 70 1115

SIZE- 1.62 KG

-ANALYSIS---RESULT---2SIGMA---UNITS---

MOIS	48.0PCT
3H*	1.0E03PCI/L

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO	REPORTED	75/05/30	3H PCI/KG
SILT COLO			5.6E02
95632 71	DATE-	12 20 70 1450	
SIZE- 725 GM			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
MOIS	40.2PCT		
3H*	1.4E03PCI/L		
SILT COLO			1.3E03
98657 71	DATE-	02 27 71 1020	
SIZE- 1.40 KG			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
MOIS	44.2PCT		
3H*	3.0E03PCI/L		
SILT COLO			1.2E03
100993 71	DATE-	04 27 71 1410	
SIZE- 2.62 KG			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
MOIS	71.8PCT		
3H*	1.7E03PCI/L		
SILT COLO			9.0E02
103294 71	DATE-	05 31 71 1415	
SIZE- .398 KG			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
MOIS	64.4PCT		
3H*	1.4E03PCI/L		
SILT COLO - DON JACKETT RANCH			5.1E02
90123 71	DATE-	10 08 70 1510	
SIZE- 1.57 KG			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
144CE	1.2E03		
106RU	8.5E02		
95ZR	2.6E02		
K	2.4E00		
MOIS	65.0PCT		
3H*	7.9E02PCI/L		
14C	LT6E03		
SILT COLO - DON JACKETT RANCH			5.0E02
90968 71	DATE-	11 05 70 1035	
SIZE- 1.49 KG			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
MOIS	50.0PCT		
3H*	1.0E03PCI/L		

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO	REPORTED	75/05/30	3H PCI/KG
SILT COLO - DON JACKETT RANCH 95633 71 DATE- 12 20 70 1415			2.4E02
SIZE- 390 GM			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	26.0PCT		
3H*	9.3E02PCI/L		
SILT COLO - DON JACKETT RANCH 101003 71 DATE- 04 27 71 1300			8.4E02
SIZE- 2.08 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	65.0PCT		
3H*	1.3E03PCI/L		
SILT COLO - DON JACKETT RANCH 103299 71 DATE- 05 31 71 1350			5.1E02
SIZE- .443 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	70.4PCT		
3H*	7.2E02PCI/L		
SILT COLO - SILT CUT-OFF SUMMIT 90124 71 DATE- 10 08 70 1335			4.7E02
SIZE- 1.38 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
144CE	7.9E02		
106RU	5.9E02		
95ZR	1.5E02		
K	1.5E00		
MOIS	55.0PCT		
3H*	8.6E02PCI/L		
SILT COLO - SILT CUT-OFF SUMMIT 90967 71 DATE- 11 05 70 0955			7.1E02
SIZE- 1.75 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	49.8PCT		
3H*	1.4E03PCI/L		
SILT COLO - SILT CUT-OFF SUMMIT 100809 71 DATE- 04 26 71 1000			1.0E03
SIZE- 1.35 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS	65.6PCT		
3H*	1.6E03PCI/L		

NATIVE VEGETATION SAMPLING RESULTS OCT 4 1970 - JUL 1 1971

COLORADO

REPORTED 75/05/30

3H
PCI/KG

SILT COLO - SILT CUT-OFF SUMMIT 3.1E02
103300 71 DATE- 05 31 71 1320

SIZE- .290 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 65.6PCT

3H* 4.8E02PCI/L

SILT COLO - SILT CUT-OFF SUMMIT 7.5E02
103305 74 DATE- 05 31 71 1320

SIZE- .63 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

MOIS 62.2PCT

3H* 1.2E03PCI/L

SILT COLO - SPEC STA NO 29 7.8E02
89850 74 DATE- 10 05 70 1220

SIZE- 1.25 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE 1.1E03

106RU 5.3E02

95ZR 2.2E02

K 2.9E00

MOIS 60.0PCT

3H* 1.3E03PCI/L

SILT COLO - SPEC STA NO 33 5.6E02
89851 74 DATE- 10 05 70 1300

SIZE- 1.25 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

144CE 1.0E03

106RU 7.8E02

95ZR 2.9E02

K 3.1E00

MOIS 56.0PCT

3H* 1.0E03PCI/L

SOIL SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCI/KG

COLLBRAN COLO

90214 72 DATE- 10 08 70 1200

8.5E01

SIZE- .595 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

137CS 3.8E03

K 1.6E01

DEPTH SURFACE

MOIS 17.2PCT

3H* 4.9E02PCI/L

COLLBRAN COLO

90982 72 DATE- 11 05 70 0800

2.5E01

SIZE- .633 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 4.40PCT

3H* 5.6E02PCI/L

COLLBRAN COLO

95514 72 DATE- 12 21 70 0735

LT5E01

SIZE- .505 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 13.6PCT

3H* LT4E02PCI/L

COLLBRAN COLO

100813 72 DATE- 04 26 71 1300

1.1E02

SIZE- .700 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 6.68PCT

3H* 1.6E03PCI/L

COLLBRAN COLO

103348 72 DATE- 05 31 71 1100

2.8E01

SIZE- .820 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 1.0PCT

3H* 2.8E03PCI/L

COLLBRAN COLO - ARTHUR LINN RANCH

90216 72 DATE- 10 08 70 1245

LT8E01

SIZE- .577 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

137CS 4.2E02

K 1.9E01

DEPTH SURFACE

MOIS 18.9PCT

3H* LT4E02PCI/L

SOIL SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCI/KG

COLLBRAN COLO - ARTHUR LINN RANCH 1.0E02
90978 72 DATE- 11 05 70 0900

SIZE- .448 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 12.1PCT

3H* 8.2E02PCI/L

COLLBRAN COLO - ARTHUR LINN RANCH 1.4E02
95515 72 DATE- 12 21 70 0935

SIZE- .415 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 27.1PCT

3H* 5.3E02PCI/L

COLLBRAN COLO - ARTHUR LINN RANCH 2.8E02
100812 72 DATE- 04 26 71 1100

SIZE- .625 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 17.1PCT

3H* 1.6E03PCI/L

COLLBRAN COLO - ARTHUR LINN RANCH 9.1E01
103338 72 DATE- 05 31 71 1210

SIZE- .498 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 3.8PCT

3H* 2.4E03PCI/L

DEBEQUE COLO - PLOT 11 LT5E01
90213 72 DATE- 10 09 70 0830

SIZE- .427 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

137CS 2.7E03

K 1.7E01

DEPTH SURFACE

MOIS 13.0PCT

3H* LT4E02PCI/L

DEBEQUE COLO - PLOT 11 5.3E01
95518 72 DATE- 12 21 70 1220

SIZE- .523 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 11.6PCT

3H* 4.5E02PCI/L

SOIL SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCI/KG

DEBEQUE COLO - PLOT 11 5.4E01

101103 72 DATE- 04 27 71 1305

SIZE- .556 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 5.24PCT

3H* 1.0E03PCI/L

DEBEQUE COLO - PLOT 11 5.0E01

103341 72 DATE- 06 02 71 1500

SIZE- .662 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 2.8PCT

3H* 1.8E03PCI/L

GRAND VALLEY COLO .1 MI NW TEST WELL 1.5E03

103331 72 DATE- 06 01 71 1100

SIZE- .501 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH 6IN

MOIS 24.9PCT

3H* 6.2E03PCI/L

GRAND VALLEY COLO .1 MI NW TEST WELL 5.1E02

103337 72 DATE- 06 01 71 1100

SIZE- .480 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 14.2PCT

3H* 3.6E03PCI/L

GRAND VALLEY COLO - PLOT 2 8.2E01

90224 72 DATE- 10 10 70 0925

SIZE- .430 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

137CS 2.2E03

K 1.4E01

DEPTH SURFACE

MOIS 20.8PCT

3H* 4.0E02PCI/L

GRAND VALLEY COLO - PLOT 2 8.0E01

90981 72 DATE- 11 05 70 1405

SIZE- .425 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 12.8PCT

3H* 6.6E02PCI/L

SOIL SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/KG
GRAND VALLEY COLO - PLOT 2			2.2E02
95511 72 DATE- 12 20 70 1450			
SIZE- .400 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	21.2PCT		
3H*	1.0E03PCI/L		
GRAND VALLEY COLO - PLOT 2			2.6E02
101107 72 DATE- 04 28 71 1230			
SIZE- .534 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	18.4PCT		
3H*	1.4E03PCI/L		
GRAND VALLEY COLO - PLOT 2			2.6E02
103335 72 DATE- 06 01 71 1315			
SIZE- .430 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	6IN		
MOIS	13.6PCT		
3H*	1.9E03PCI/L		
GRAND VALLEY COLO - PLOT 2			5.1E01
103345 72 DATE- 06 01 71 1315			
SIZE- .506 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	2.2PCT		
3H*	2.3E03PCI/L		
GRAND VALLEY COLO - PLOT 3			8.4E01
90215 72 DATE- 10 08 70			
SIZE- .501 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
137CS	1.1E03		
K	1.7E01		
DEPTH	SURFACE		
MOIS	15.4PCT		
3H*	5.4E02PCI/L		
GRAND VALLEY COLO - PLOT 3			2.3E02
101111 72 DATE- 04 27 71 1515			
SIZE- .513 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	16.3PCT		
3H*	1.4E03PCI/L		

SOIL SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCI/KG

GRAND VALLEY COLO - PLOT 3 2.4E01
103350 72 DATE- 06 01 71 1355

SIZE- .557 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 1.1PCT

3H* 2.2E03PCI/L

GRAND VALLEY COLO - PLOT 4 1.1E02
90217 72 DATE- 10 09 70 1310

SIZE- .500 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

137CS 5.9E03

K 1.2E01

DEPTH SURFACE

MOIS 17.6PCT

3H* 6.2E02PCI/L

GRAND VALLEY COLO - PLOT 4 9.0E01
90977 72 DATE- 11 05 70 1320

SIZE- .420 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 15.2PCT

3H* 5.9E02PCI/L

GRAND VALLEY COLO - PLOT 4 1.6E02
95510 72 DATE- 12 20 70 1525

SIZE- .440 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 17.4PCT

3H* 9.6E02PCI/L

GRAND VALLEY COLO - PLOT 4 1.7E02
101105 72 DATE- 04 28 71 1300

SIZE- .497 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 12.3PCT

3H* 1.4E03PCI/L

GRAND VALLEY COLO - PLOT 4 6.2E01
103346 72 DATE- 06 01 71 1455

SIZE- .446 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 2.7PCT

3H* 2.3E03PCI/L

SOIL SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCI/KG

GRAND VALLEY COLO - PLOT 5 7.1E01
90225 72 DATE- 10 10 70 1150

SIZE- .513 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

137CS 8.5E02

K 1.8E01

DEPTH SURFACE

MOIS 17.2PCT

3H* 4.1E02PCI/L

GRAND VALLEY COLO - PLOT 6 LT5E01
90220 72 DATE- 10 10 70 1110

SIZE- .455 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

K 1.6E01

DEPTH SURFACE

MOIS 13.5PCT

3H* LT4E02PCI/L

GRAND VALLEY COLO - PLOT 7 LT4E01
90211 72 DATE- 10 09 70 0945

SIZE- .475 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

K 1.6E01

DEPTH SURFACE

MOIS 11.3PCT

3H* LT4E02PCI/L

GRAND VALLEY COLO - PLOT 8 LT4E01
90219 72 DATE- 10 08 70

SIZE- .518 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

137CS 9.0E02

K 1.7E01

DEPTH SURFACE

MOIS 9.88PCT

3H* LT4E02PCI/L

GRAND VALLEY COLO - PLOT 8 7.5E01
90975 72 DATE- 11 05 70 1155

SIZE- .455 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 11.2PCT

3H* 6.8E02PCI/L

SOIL SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/KG
GRAND VALLEY COLO - PLOT 8 95509 72 DATE- 12 20 70 1600			5.9E01
SIZE- .578 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	11.0PCT		
3H*	5.4E02PCI/L		
GRAND VALLEY COLO - PLOT 8 101102 72 DATE- 04 27 71 1435			1.4E02
SIZE- .540 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	10.8PCT		
3H*	1.3E03PCI/L		
GRAND VALLEY COLO - PLOT 8 103343 72 DATE- 06 01 71 1530			5.4E01
SIZE- .410 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	3.0PCT		
3H*	1.8E03PCI/L		
GRAND VALLEY COLO .25 MI N TEST WELL 90222 72 DATE- 10 10 70 0800			1.5E03
SIZE- .458 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
K	2.4E01		
DEPTH	SURFACE		
MOIS	28.0PCT		
3H*	5.3E03PCI/L		
GRAND VALLEY COLO .25 MI N TEST WELL 90823 72 DATE- 11 04 70 1400			4.6E02
SIZE- .617 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
H2O	30.4PCT		
3H*	1.5E03PCI/L		
GRAND VALLEY COLO .25 MI N TEST WELL 90983 72 DATE- 11 05 70 1545			4.8E02
SIZE- .511 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	28.9PCT		
3H*	1.6E03PCI/L		

SOIL SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/KG
GRAND VALLEY COLO .25 MI N TEST WELL 95516 72	DATE- 12 20 70	1415	6.5E02
SIZE- .215 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	57.8PCT		
3H*	1.1E03PCI/L		
GRAND VALLEY COLO .25 MI N TEST WELL 101101 72	DATE- 04 28 71	1100	1.8E03
SIZE- .560 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	26.1PCT		
3H*	6.7E03PCI/L		
GRAND VALLEY COLO .25 MI N TEST WELL 101113 72	DATE- 04 28 71	1100	1.1E03
SIZE- .595 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	6-12IN		
MOIS	25.1PCT		
3H*	4.3E03PCI/L		
GRAND VALLEY COLO .25 MI N TEST WELL 103332 72	DATE- 06 01 71	1130	1.1E03
SIZE- .490 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	6IN		
MOIS	22.6PCT		
3H*	5.0E03PCI/L		
GRAND VALLEY COLO .25 MI N TEST WELL 103347 72	DATE- 06 01 71	1130	5.5E02
SIZE- .451 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	16.8PCT		
3H*	3.3E03PCI/L		
GRAND VALLEY COLO .5 MI N TEST WELL 90221 72	DATE- 10 10 70	0815	3.2E02
SIZE- .450 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
137CS	4.6E02		
K	2.0E01		
DEPTH	SURFACE		
MOIS	27.6PCT		
3H*	1.2E03PCI/L		

SOIL SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCI/KG

GRAND VALLEY COLO .5 MI N TEST WELL 2.4E02
90822 72 DATE- 11 04 70 1430

SIZE- .442 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 22.2PCT

3H* 1.1E03PCI/L

GRAND VALLEY COLO .5 MI N TEST WELL 1.8E02
90985 72 DATE- 11 05 70 1515

SIZE- .400 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 26.4PCT

3H* 7.0E02PCI/L

GRAND VALLEY COLO .5 MI N TEST WELL 6.3E02
95512 72 DATE- 12 20 70 1422

SIZE- .288 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 19.5PCT

3H* 3.2E03PCI/L

GRAND VALLEY COLO .5 MI N TEST WELL 2.9E02
101104 72 DATE- 04 28 71 1125

SIZE- .508 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH 6-12IN

MOIS 27.5PCT

3H* 1.0E03PCI/L

GRAND VALLEY COLO .5 MI N TEST WELL 7.7E02
101112 72 DATE- 04 28 71 1125

SIZE- .451 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 29.0PCT

3H* 2.6E03PCI/L

GRAND VALLEY COLO .5 MI N TEST WELL 6.7E02
103340 72 DATE- 06 01 71 1150

SIZE- .350 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH 6IN

MOIS 24.8PCT

3H* 2.7E03PCI/L

SOIL SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/KG
GRAND VALLEY COLO .5 MI N TEST WELL 103349 72 DATE- 06 01 71 1150			1.9E02
SIZE- .445 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	7.2PCT		
3H*	2.6E03PCI/L		
RULISON COLO - PLOT 9 90210 72 DATE- 10 09 70 1530			1.0E02
SIZE- .321 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
137CS	1.7E03		
K	1.5E01		
DEPTH	SURFACE		
MOIS	23.3PCT		
3H*	4.3E02PCI/L		
RULISON COLO - PLOT 9 90976 72 DATE- 11 05 70 1240			3.6E01
SIZE- .517 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	4.84PCT		
3H*	7.4E02PCI/L		
RULISON COLO - PLOT 9 95517 72 DATE- 12 20 70 1525			LT1E02
SIZE- .334 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	23.4PCT		
3H*	LT4E02PCI/L		
RULISON COLO - PLOT 9 101110 72 DATE- 04 28 71 0910			1.4E02
SIZE- .352 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	11.8PCT		
3H*	1.2E03PCI/L		
RULISON COLO - PLOT 9 103344 72 DATE- 06 02 71 1110			6.7E01
SIZE- .588 KG			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
DEPTH	SURFACE		
MOIS	2.9PCT		
3H*	2.3E03PCI/L		

SOIL SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCI/KG

RULISON COLO - PLOT 10

LT8E01

90218 72 DATE- 10 09 70 1240

SIZE- .386 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

137CS 1.5E03

K 1.7E01

DEPTH SURFACE

MOIS 19.6PCT

3H* LT4E02PCI/L

RULISON COLO - PLOT 1

1.4E02

90223 72 DATE- 10 10 70 0830

SIZE- .482 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

K 2.1E01

DEPTH SURFACE

MOIS 22.9PCT

3H* 6.3E02PCI/L

RULISON COLO - PLOT 1

1.6E02

90984 72 DATE- 11 05 70 1435

SIZE- .515 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 19.2PCT

3H* 8.3E02PCI/L

RULISON COLO - PLOT 1

2.2E02

95507 72 DATE- 12 20 70 1435

SIZE- .440 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 15.8PCT

3H* 1.4E03PCI/L

RULISON COLO - PLOT 1

2.5E02

101106 72 DATE- 04 28 71 1200

SIZE- .520 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 14.6PCT

3H* 1.7E03PCI/L

RULISON COLO - PLOT 1

3.2E02

101108 72 DATE- 04 28 71 1200

SIZE- .586 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH 6-12IN

MOIS 21.0PCT

3H* 1.5E03PCI/L

SOIL SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCI/KG

RULISON COLO - PLOT 1

103333 72 DATE- 06 01 71 1250

SIZE- .440 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH 6IN

MOIS 18.8PCT

3H* 1.8E03PCI/L

3.4E02

RULISON COLO - PLOT 1

103339 72 DATE- 06 01 71 1250

SIZE- .405 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 6.0PCT

3H* 2.6E03PCI/L

1.6E02

SILT COLO

90209 72 DATE- 10 08 70 1650

SIZE- .567 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

K 1.5E01

DEPTH SURFACE

MOIS 7.60PCT

3H* LT4E02PCI/L

LT3E01

SILT COLO

90979 72 DATE- 11 05 70 1100

SIZE- .477 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 8.88PCT

3H* 8.0E02PCI/L

7.1E01

SILT COLO

95508 72 DATE- 12 20 70 1455

SIZE- .562 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 12.2PCT

3H* 8.7E02PCI/L

1.0E02

SILT COLO

101109 72 DATE- 04 27 71 1355

SIZE- .590 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 6.76PCT

3H* 1.5E03PCI/L

1.0E02

SOIL SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCI/KG

SILT COLO

103342 72

DATE- 05 31 71 1415

6.8E01

SIZE- .428 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 3.1PCT

3H* 2.2E03PCI/L

SILT COLO - DON JACKETT RANCH

90208 72

DATE- 10 08 70 1510

LT8E01

SIZE- .597 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

K 1.3E01

DEPTH SURFACE

MOIS 20.9PCT

3H* LT4E02PCI/L

SILT COLO - DON JACKETT RANCH

90974 72

DATE- 11 05 70 1020

8.6E01

SIZE- .517 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 13.5PCT

3H* 6.4E02PCI/L

SILT COLO - DON JACKETT RANCH

95513 72

DATE- 12 20 70 1420

1.7E02

SIZE- .425 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 27.0PCT

3H* 6.4E02PCI/L

SILT COLO - DON JACKETT RANCH

101114 72

DATE- 04 27 71 1250

1.0E02

SIZE- .605 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 11.4PCT

3H* 9.1E02PCI/L

SILT COLO - DON JACKETT RANCH

103336 72

DATE- 05 31 71 1350

1.2E02

SIZE- .441 KG

-ANALYSIS---RESULT----2SIGMA---UNITS---

DEPTH SURFACE

MOIS 6.4PCT

3H* 1.8E03PCI/L

SOIL SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO

REPORTED 75/05/29

3H
PCI/KG

SILT COLO - SILT CUT-OFF SUMMIT LT7E01
90212 72 DATE- 10 08 70 1355

SIZE- .560 KG

-ANALYSIS---RESULT---2SIGMA---UNITS---

K 1.4E01

DEPTH SURFACE

MOIS 18.4PCT

3H* LT4E02PCI/L

SILT COLO - SILT CUT-OFF SUMMIT 6.9E01
90980 72 DATE- 11 05 70 0935

SIZE- .497 KG

-ANALYSIS---RESULT---2SIGMA---UNITS---

DEPTH SURFACE

MOIS 10.3PCT

3H* 6.7E02PCI/L

SILT COLO - SILT CUT-OFF SUMMIT 3.4E02
100811 72 DATE- 04 26 71 1000

SIZE- .578 KG

-ANALYSIS---RESULT---2SIGMA---UNITS---

DEPTH SURFACE

MOIS 18.7PCT

3H* 1.8E03PCI/L

SILT COLO - SILT CUT-OFF SUMMIT 8.2E01
103334 72 DATE- 05 31 71 1320

SIZE- .462 KG

-ANALYSIS---RESULT---2SIGMA---UNITS---

DEPTH SURFACE

MOIS 3.9PCT

3H* 2.1E03PCI/L

COMPRESSED AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H	85KR
			PCI/M3	PCI/M3
GRAND VALLEY COLO 2MI E OF G V 89588 91 A SIZE- .94 M3	ON- 10 04 70 0930 OFF- 10 04 70 0930		8.8E00	1.1E01
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	5700FT			
H2O	4.4E00ML M3			
3H*	2.0E00PCI/ML			
37AR	LT2E04			
39AR	LT1E04			
GRAND VALLEY COLO MORRISANIA MESA 89589 91 SIZE- 1.03 M3	ON- 10 04 70 0900 OFF- 10 04 70 0900		1.4E01	8.8E00
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6500FT			
H2O	1.1E01ML M3			
3H*	1.3E00PCI/ML			
37AR	NA			
39AR	NA			
GRAND VALLEY COLO AZM 40 1MI TESTWELL 89691 91 A SIZE- 1.00 M3	ON- 10 05 70 0834 OFF- 10 05 70 0834		2.2E01	3.3E01
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	10000FT			
H2O	5.8E00ML M3			
3H*	3.8E00PCI/ML			
37AR	LT2E04			
39AR	LT1E04			
GRAND VALLEY COLO AZM 320 4MTESTWELL 89696 91 A SIZE- .81 M3	ON- 10 05 70 0748 OFF- 10 05 70 0748		NA	1.5E02
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6700FT			
3H*	1.1E00PCI/ML			
37AR	LT2E04			
39AR	LT1E04			
GRAND VALLEY COLO AZM 40-1MI TESTWELL 89697 91 A SIZE- 1.00 M3	ON- 10 05 70 0858 OFF- 10 05 70 0858		1.2E01	LOST
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	10500FT			
H2O	2.2E00ML M3			
3H*	5.6E00PCI/ML			
37AR	LT2E04			
39AR	LT1E04			

COMPRESSED AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H	85KR
			PCI/M3	PCI/M3
GRAND VALLEY COLO AZM 40 1MI TESTWELL 89715 91 A ON- 10 05 70 1512 SIZE- .89 M3 OFF- 10 05 70 1512			7.5E01	2.2E01
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT	10300FT			
H2O	1.3E01ML M3			
3H*	5.6E00PCI/ML			
37AR	NA			
39AR	NA			
GRAND VALLEY COLO AZM 40 1MI TESTWELL 90629 91 A ON- 10 27 70 1432 SIZE- .82 M3 OFF- 10 27 70 1432			NA	1.45E02
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT	10500FT			
H2O	ISA			
GRAND VALLEY COLO 7.5 MI TEST WELL80 90630 91 A ON- 10 27 70 1544 SIZE- .92 M3 OFF- 10 27 70 1544			NA	3.1E01
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT	11000FT			
H2O	ISA			
GRAND VALLEY COLO 4MI NE OF TEST WELL 93448 91 A ON- 12 06 70 0940 SIZE- .648 M3 OFF- 12 06 70 0940			2.0E01	3.1E01
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.9E00ML M3			
3H*	1.1E01PCI/ML			
GRAND VALLEY COLO MONUMENT GULCH 93449 91 A ON- 12 06 70 0852 SIZE- .820 M3 OFF- 12 06 70 0852			1.3E01	1.9E01
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	3.7E00ML M3			
3H*	3.5E00PCI/ML			
ALT	6500FT			
GRAND VALLEY COLO 2MI NE OF TEST WELL 93549 91 A ON- 12 08 70 0923 SIZE- .801 M3 OFF- 12 08 70 0923			3.7E01	5.2E01
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	4.7E00ML M3			
3H*	7.9E00PCI/ML			
ALT	9300FT			

COMPRESSED AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	85KR PCI/M3
GRAND VALLEY COLO BATTLEMENT CEMETRY			NA	1.0E01
99401 91 A	ON- 03 19 71	0805		
SIZE- .810 M3	OFF- 03 19 71	0805		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6000FT			
GRAND VALLEY COLO BATTLEMENT CEMETRY			NA	1.4E01
99402 91 A	ON- 03 19 71	0745		
SIZE- .767 M3	OFF- 03 19 71	0745		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6000FT			
3H*	ISA			
GRAND VALLEY COLO 2.5 MI SE OF STACK			NA	1.1E01
99408 91 A	ON- 03 19 71	1445		
SIZE- .668 M3	OFF- 03 19 71	1445		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	12500FT			
GRAND VALLEY COLO RONALD REESE RES			2.4E01	1.9E01
99409 91 M	ON- 03 19 71	0840		
SIZE- .998 M3	OFF- 03 19 71	0915		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6300FT			
H2O	5.8E00ML M3			
3H*	4.2E00PCI/ML			
GRAND VALLEY COLO 2.5 MI SE OF STACK			NA	1.2E01
99410 91 A	ON- 03 19 71	1403		
SIZE- .628 M3	OFF- 03 19 71	1403		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	11000FT			
3H*	ISA			
GRAND VALLEY COLO AZM 40 1MI TESTWELL			NA	1.6E01
99411 91 A	ON- 03 19 71	0703		
SIZE- .571 M3	OFF- 03 19 71	0703		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	10700FT			
3H*	ISA			
GRAND VALLEY COLO - JOHN C CLEM RANCH			LT2E01	1.2E01
93400 91 M	ON- 12 01 70	1935		
SIZE- .947 M3	OFF- 12 01 70	2005		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	6.8E00ML M3			
3H*	LT3E00PCI/ML			

COMPRESSED AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	85KR PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH			9.4E00	2.0E01
93456 91 M ON- 12 03 70 1955				
SIZE- .979 M3 OFF- 12 03 70 2025				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	4.3E00ML	M3		
3H*	2.2E00PCI	/ML		
ALT	6300FT			
GRAND VALLEY COLO - CONTROL POINT PAD			NA	4.7E01
90632 91 M ON- 10 28 70 0645				
SIZE- .95 M3 OFF- 10 28 70 0710				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6800FT			
H2O	ISA			
GRAND VALLEY COLO - CONTROL POINT PAD			NA	1.1E01
96892 91 M ON- 01 31 71 1327				
SIZE- .291 M3 OFF- 01 31 71 1357				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6800FT			
GRAND VALLEY COLO - CONTROL POINT PAD			NA	1.2E01
96893 91 M ON- 02 01 71 1146				
SIZE- OFF- 02 01 71 1217				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6800FT			
3H*	ISA			
GRAND VALLEY COLO - CONTROL POINT PAD			NA	2.5E01
98198 91 M ON- 02 08 71 2128				
SIZE- 1.16 M3 OFF- 02 08 71 2200				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6800FT			
GRAND VALLEY COLO - CONTROL POINT PAD			NA	1.5E01
98250 91 M ON- 02 10 71 2250				
SIZE- 1.12 M3 OFF- 02 10 71 2320				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6800FT			
GRAND VALLEY COLO - CONTROL POINT PAD			NA	2.1E01
98345 91 M ON- 02 12 71 0453				
SIZE- 0.97 M3 OFF- 02 12 71 0522				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6800FT			
GRAND VALLEY COLO - CONTROL POINT PAD			NA	1.6E01
98622 91 M ON- 02 27 71 0652				
SIZE- 1.06 M3 OFF- 02 27 71 0725				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6800FT			

COMPRESSED AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	85KR PCI/M3
GRAND VALLEY COLO - CONTROL POINT PAD 99171 91 M ON- 03 13 71 0538 SIZE- .982 M3 OFF- 03 13 71 0607 -ANALYSIS---RESULT----2SIGMA---UNITS--- ALT 6800FT			NA	1.4E01
GRAND VALLEY COLO - SPEC STA NO 1 93453 91 M ON- 12 06 70 0851 SIZE- .995 M3 OFF- 12 06 70 0916 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 4.0E00ML M3 3H* 2.2E00PCI/ML ALT 5400FT		8.8E00	2.7E01	
RIFLE COLO 3MIS OF AIRPORT W MAMM RD 93548 91 M ON- 12 07 70 1535 SIZE- .918 M3 OFF- 12 07 70 1600 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 4.6E00ML M3 3H* 2.5E00PCI/ML ALT 6000FT		1.1E01	1.2E01	
RIFLE COLO 93546 91 A ON- 12 08 70 0957 SIZE- .847 M3 OFF- 12 08 70 0957 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.5E00ML M3 3H* LT2E00PCI/ML ALT 9000FT		LT3E00	1.1E01	
RIFLE COLO RIFLE AIRPORT 93564 91 M ON- 12 08 70 1008 SIZE- .918 M3 OFF- 12 08 70 1035 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.6E00ML M3 3H* 2.9E00PCI/ML ALT 5500FT		7.4E00	LOST	
RULISON COLO 3 MI SE OF RULISON 89701 91 A ON- 10 05 70 1637 SIZE- .98 M3 OFF- 10 05 70 1637 -ANALYSIS---RESULT----2SIGMA---UNITS--- ALT 9300FT H2O 6.8E00ML M3 3H* 7.6E00PCI/ML 37AR NA 39AR NA		5.2E01	3.2E01	

COMPRESSED AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H	85KR
			PCI/M3	PCI/M3
RULISON COLO 3 MI NE OF TEST WELL				1.3E02
89713 91 A	ON-	10 05 70 1607		3.5E01
SIZE- .91 M3	OFF-	10 05 70 1607		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT	9800FT			
H2O	1.9E01ML M3			
3H*	6.7E00PCI/ML			
37AR	NA			
39AR	NA			
RULISON COLO - SPEC STA B-I			1.5E01	2.2E01
89714 91 A	ON-	10 05 70 0951		
SIZE- 1.00 M3	OFF-	10 05 70 0951		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT	10000FT			
H2O	1.0E01ML M3			
3H*	1.5E00PCI/ML			
37AR	NA			
39AR	NA			
SILT COLO			2.7E01	LOST
89712 91 A	ON-	10 05 70 0920		
SIZE- .97 M3	OFF-	10 05 70 0920		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT	10000FT			
H2O	9.0E00ML M3			
3H*	3.0E00PCI/ML			
37AR	NA			
39AR	NA			
SILT COLO - SPEC STA NO 29			1.5E01	1.4E01
90631 91 M	ON-	10 27 70 1720		
SIZE- .97 M3	OFF-	10 27 70 1750		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT	6000FT			
H2O	2.6E00ML M3			
3H*	5.6E00PCI/ML			

CRYOGENIC AIR SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/28	3H PCI/M3	85KR PCI/M3
GRAND VALLEY COLO 3.5 MI SE TEST WELL 90613 92 A ON- 10 28 70 1003 SIZE- 2.77 M3 OFF- 10 28 70 1042			2.1E01	LTSE00
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	7.7E-01ML/M3			
3H*	2.8E01PCI/ML			
GRAND VALLEY COLO MONUMENT GULCH 93472 92 A ON- 12 06 70 0758 SIZE- 1.65 M3 OFF- 12 06 70 0837			2.0E00	LOST
-ANALYSTS---RESULT----2SIGMA---UNITS---				
ALT	6500FT			
H2O	2.2E00G M3			
3H*	9.4E-01PCI/ML			
GRAND VALLEY COLO 3MI NE OF TEST WELL 93553 92 A ON- 12 07 70 1608 SIZE- 2.1 M3 OFF- 12 07 70 1630			2.1E01	LOST
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	9.5E-01ML/M3			
3H*	2.2E01PCI/ML			
GRAND VALLEY COLO - CONTROL POINT PAD 89688 92 ON- 10 05 70 0920 SIZE- 2.84 L OFF- 10 05 70 1005			LT1E00	9.3E00
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6300FT			
H2O	11.3ML M3			
3H*	LT4E-01PCI/ML			
14C	LT3E00			
XE	LT5E00			
GRAND VALLEY COLO - CONTROL POINT PAD 89818 92 PF ON- 10 05 70 0920 SIZE- 2.8 M3 OFF- 10 05 70 1005		NA	NA	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
COLLBRAN COLO - SPEC STA NO 37 99406 93 M ON- 03 19 71 1522 SIZE- 3.97 M3 OFF- 03 19 71 1722			3.1E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 1.4E00ML / M3				
3H* 2.2E00PCI / ML				
COLLBRAN COLO - SPEC STA NO 39 99404 93 M ON- 03 19 71 1502 SIZE- 5.94 M3 OFF- 03 19 71 1702			3.8E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 1.4E00ML / M3				
3H* 2.6E00PCI / ML				
COLLBRAN COLO - SPEC STA NO 42 99396 93 M ON- 03 19 71 1532 SIZE- 7.02 M3 OFF- 03 19 71 1732			2.0E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 1.7E00ML / M3				
3H* 1.2E00PCI / ML				
COLLBRAN COLO - SPEC STA NO 44 99398 93 M ON- 03 19 71 1546 SIZE- 4.67 M3 OFF- 03 19 71 1746			2.2E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 1.7E00ML / M3				
3H* 1.3E00PCI / ML				
COLLBRAN COLO - BERT GRIFFITH RANCH 89719 93 M ON- 10 03 70 0805 SIZE- 8.53 M3 OFF- 10 05 70 0730			4.2E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 3.7E00ML / M3				
3H* 1.1E00PCI / ML				
COLLBRAN COLO - BERT GRIFFITH RANCH 89771 93 PF M ON- 10 03 70 0805 SIZE- 8.53 M3 OFF- 10 05 70 0730			NA	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
COLLBRAN COLO - BERT GRIFFITH RANCH 89930 93 M ON- 10 05 70 0800 SIZE- 13.4 M3 OFF- 10 08 70 1030			1.8E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 3.1E00ML / M3				
3H* 5.8E-01PCI / ML				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
COLLBRAN COLO - BERT GRIFFITH RANCH 89957 93 PF M SIZE- 13.4 M3	ON- 10 05 70 0800 OFF- 10 08 70 1030		NA	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
COLLBRAN COLO - BERT GRIFFITH RANCH 90628 93 M SIZE- 8.56 M3	ON- 10 25 70 0845 OFF- 10 27 70 0820		8.8E-01	LT2E01
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.6E00ML / M3			
3H*	5.4E-01PCI/ML			
COLLBRAN COLO - BERT GRIFFITH RANCH 90709 93 M SIZE- 8.46 M3	ON- 10 27 70 0830 OFF- 10 29 70 0730		2.4E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	2.0E00ML / M3			
3H*	1.2E00PCI/ML			
COLLBRAN COLO - BERT GRIFFITH RANCH 90710 93 M SIZE- 8.56 M3	ON- 10 29 70 0745 OFF- 10 31 70 0720		1.9E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	2.3E00ML / M3			
3H*	8.1E-01PCI/ML			
COLLBRAN COLO - BERT GRIFFITH RANCH 90807 93 M SIZE- 8.53 M3	ON- 10 31 70 0745 OFF- 11 02 70 0710		3.6E00	LT2E01
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	2.6E00ML / M3			
3H*	1.4E00PCI/ML			
COLLBRAN COLO - BERT GRIFFITH RANCH 90808 93 M SIZE- 8.58 M3	ON- 11 02 70 0725 OFF- 11 04 70 0705		1.3E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.5E00ML / M3			
3H*	8.9E-01PCI/ML			
COLLBRAN COLO - BERT GRIFFITH RANCH 93462 93 M SIZE- 7.50 M3	ON- 12 01 70 1345 OFF- 12 03 70 0725		2.0E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	2.3E00ML / M3			
3H*	8.8E-01PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
COLLBRAN COLO - BERT GRIFFITH RANCH 93463 93 M ON- 12 03 70 0745 SIZE- 8.58 M3 OFF- 12 05 70 0725 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.5E00ML / M3 3H* 5.6E-01PCI/ML			1.4E00	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 93543 93 M ON- 12 05 70 0735 SIZE- 8.59 M3 OFF- 12 07 70 0720 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.0E00ML / M3 3H* LT4E-01PCI/ML			LT8E-01	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 93607 93 M ON- 12 07 70 0730 SIZE- 8.64 M3 OFF- 12 09 70 0730 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.5E00ML / M3 3H* 4.9E-01PCI/ML			1.2E00	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 93657 93 M ON- 12 09 70 0745 SIZE- 8.50 M3 OFF- 12 11 70 0700 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 3.2E00ML / M3 3H* 5.8E-01PCI/ML			1.9E00	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 96951 93 M ON- 02 01 71 0810 SIZE- 8.82 M3 OFF- 02 03 71 0910 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 3.2E00ML / M3 3H* 5.7E-01PCI/ML			1.8E00	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 98103 93 M ON- 02 03 71 0925 SIZE- 8.53 M3 OFF- 02 05 71 0850 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.9E00ML / M3 3H* 2.0E00PCI/ML			3.7E00	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 98104 93 M ON- 02 05 71 0905 SIZE- 8.68 M3 OFF- 02 07 71 0920 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 9.0E-01ML/M3 3H* 2.3E00PCI/ML			2.1E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H	14C
			PCI/M3	PCI/M3
COLLBRAN COLO - BERT GRIFFITH RANCH 98202 93 M ON- 02 07 71 0930 SIZE- 8.55 M3 OFF- 02 09 71 0900 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.4E00ML / M3 3H* 1.7E00PCI/ML			2.4E00	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 98256 93 M ON- 02 09 71 0915 SIZE- 8.86 M3 OFF- 02 11 71 1030 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.1E00ML / M3 3H* 1.8E00PCI/ML			3.6E00	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 98328 93 M ON- 02 11 71 1045 SIZE- 8.41 M3 OFF- 02 13 71 0930 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.1E00ML / M3 3H* 1.3E00PCI/ML			2.7E00	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 98329 93 M ON- 02 13 71 0935 SIZE- 8.59 M3 OFF- 02 15 71 0920 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.3E00ML / M3 3H* 8.9E-01PCI/ML			2.1E00	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 98405 93 M ON- 02 15 71 0935 SIZE- 8.52 M3 OFF- 02 17 71 0855 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.4E00ML / M3 3H* 8.1E-01PCI/ML			2.0E00	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 98456 93 M ON- 02 17 71 0905 SIZE- 8.67 M3 OFF- 02 19 71 0815 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 3.6E00ML / M3 3H* LT4E-01PCI/ML			LT1E-01	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 98544 93 M ON- 02 19 71 0900 SIZE- 9.69 M3 OFF- 02 21 71 1450 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.4E00ML / M3 3H* 9.8E-01PCI/ML			2.4E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1, 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
COLLBRAN COLO - BERT GRIFFITH RANCH 98579 93 M ON- 02 21 71 1500 SIZE- 8.56 M3 OFF- 02 23 71 1435 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 7.8E-01ML/M3 3H* 2.2E00PCI/ML	75/05/29	1.7E00	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 98580 93 M ON- 02 23 71 1445 SIZE- 7.69 M3 OFF- 02 25 71 0930 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 9.2E-01ML/M3 3H* 1.1E00PCI/ML		1.0E00	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 98625 93 M ON- 02 25 71 0945 SIZE- 9.73 M3 OFF- 02 27 71 1550 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 4.2E-01ML/M3 3H* 1.4E00PCI/ML		5.8E-01	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 98723 93 M ON- 02 27 71 1555 SIZE- 8.38 M3 OFF- 03 01 71 1430 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 6.9E-01ML/M3 3H* 1.1E00PCI/ML		7.6E-01	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 98776 93 M ON- 03 01 71 1435 SIZE- 8.11 M3 OFF- 03 03 71 1140 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 8.0E-01ML/M3 3H* 1.6E00PCI/ML		1.3E00	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 98878 93 M ON- 03 03 71 1145 SIZE- 9.22 M3 OFF- 03 05 71 1500 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 9.8E-01ML/M3 3H* 1.6E00PCI/ML		1.6E00	NA
COLLBRAN COLO - BERT GRIFFITH RANCH 98879 93 M ON- 03 05 71 1510 SIZE- 8.43 M3 OFF- 03 07 71 1400 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 5.9E-01ML/M3 3H* 2.1E00PCI/ML		1.2E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
COLLBRAN COLO - BERT GRIFFITH RANCH			1.2E00	NA
99002 93 M	ON- 03 07 71	1415		
SIZE- 7.44 M3	OFF- 03 09 71	0735		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	9.5E-01ML/M3			
3H*	1.3E00PCI/ML			
COLLBRAN COLO - BERT GRIFFITH RANCH			2.3E00	NA
99109 93 M	ON- 03 09 71	0745		
SIZE- 9.72 M3	OFF- 03 11 71	1345		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.2E00ML / M3			
3H*	1.9E00PCI/ML			
COLLBRAN COLO - BERT GRIFFITH RANCH			1.6E00	NA
99168 93 M	ON- 03 11 71	1350		
SIZE- 8.64 M3	OFF- 03 13 71	1350		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.9E00ML / M3			
3H*	8.5E-01PCI/ML			
COLLBRAN COLO - BERT GRIFFITH RANCH			1.1E00	NA
99230 93 M	ON- 03 13 71	1400		
SIZE- 8.55 M3	OFF- 03 15 71	1330		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.1E00ML / M3			
3H*	1.0E00PCI/ML			
COLLBRAN COLO - BERT GRIFFITH RANCH			1.6E00	NA
99289 93 M	ON- 03 15 71	1345		
SIZE- 7.33 M3	OFF- 03 17 71	0630		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.7E00ML / M3			
3H*	9.3E-01PCI/ML			
COLLBRAN COLO - BERT GRIFFITH RANCH			1.4E00	NA
99365 93 M	ON- 03 17 71	0640		
SIZE- 8.65 M3	OFF- 03 19 71	0645		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	9.9E-01ML/M3			
3H*	1.4E00PCI/ML			
COLLBRAN COLO - BERT GRIFFITH RANCH			9.5E-01	NA
99366 93 M	ON- 03 19 71	0655		
SIZE- 8.74 M3	OFF- 03 21 71	0730		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.0E00ML / M3			
3H*	9.4E-01PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1, 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
COLLBRAN COLO - BERT GRIFFITH RANCH 99472 93 M ON- 03 21 71 0740 SIZE- 9.90 M3 OFF- 03 23 71 1440			7.7E-01	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.3E00ML / M3			
3H*	5.8E-01PCI/ML			
DEBEQUE COLO - RUSS LATHAM RANCH 89594 93 M ON- 10 02 70 1445 SIZE- 8.43 M3 OFF- 10 04 70 1335			5.0E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	5.0E00ML / M3			
3H*	9.9E-01PCI/ML			
DEBEQUE COLO - RUSS LATHAM RANCH 89604 93 PF M ON- 10 02 70 1445 SIZE- 8.43 M3 OFF- 10 04 70 1335			NA	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
DEBEQUE COLO - RUSS LATHAM RANCH 89841 93 M ON- 10 04 70 1400 SIZE- 8.10 M3 OFF- 10 06 70 1100			4.3E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	5.9E00ML / M3			
3H*	7.2E-01PCI/ML			
DEBEQUE COLO - RUSS LATHAM RANCH 89853 93 PF M ON- 10 04 70 1400 SIZE- 8.10 M3 OFF- 10 06 70 1100			NA	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
DEBEQUE COLO - RUSS LATHAM RANCH 89929 93 M ON- 10 06 70 1105 SIZE- 3.60 M3 OFF- 10 08 70 1215			5.9E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	6.7E00ML / M3			
3H*	8.7E-01PCI/ML			
DEBEQUE COLO - RUSS LATHAM RANCH 89956 93 PF M ON- 10 06 70 1105 SIZE- 3.60 M3 OFF- 10 08 70 1215			NA	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
DEBEQUE COLO - RUSS LATHAM RANCH 90621 93 M ON- 10 25 70 1355 SIZE- 8.22 M3 OFF- 10 27 70 1135			2.2E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 4.4E00ML / M3 3H* 5.0E-01PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH 90705 93 M ON- 10 27 70 1140 SIZE- 8.91 M3 OFF- 10 29 70 1310			2.1E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 3.0E00ML / M3 3H* 6.8E-01PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH 90706 93 M ON- 10 29 70 1330 SIZE- 8.74 M3 OFF- 10 31 70 1405			1.7E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 3.3E00ML / M3 3H* 5.2E-01PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH 90811 93 M ON- 10 31 70 1430 SIZE- 8.49 M3 OFF- 11 02 70 1340			LT2E-01	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 4.2E00ML / M3 3H* LT4E-01PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH 90812 93 M ON- 11 02 70 1350 SIZE- 8.71 M3 OFF- 11 04 70 1415			1.5E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.8E00ML / M3 3H* 5.5E-01PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH 93402 93 M ON- 11 30 70 1515 SIZE- 8.43 M3 OFF- 12 02 70 1405			1.6E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 3.9E00ML / M3 3H* 4.1E-01PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH 93468 93 M ON- 12 02 70 1420 SIZE- 8.43 M3 OFF- 12 04 70 1310			9.4E-01	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.4E00ML / M3 3H* 6.9E-01PCI/ML				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
DEBEQUE COLO - RUSS LATHAM RANCH			9.7E-01	NA
93469 93 M ON- 12 04 70 1325				
SIZE- 8.31 M3 OFF- 12 06 70 1135				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 9.7E-01ML/M3				
3H* 1.0E00PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH			5.4E-01	NA
93567 93 M ON- 12 06 70 1225				
SIZE- 8.88 M3 OFF- 12 08 70 1345				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 1.1E00ML / M3				
3H* 5.0E-01PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH			5.9E-01	NA
93601 93 M ON- 12 08 70 1400				
SIZE- 8.46 M3 OFF- 12 10 70 1300				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 9.4E-01ML/M3				
3H* 6.3E-01PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH			6.3E-01	NA
93654 93 M ON- 12 10 70 1315				
SIZE- 8.46 M3 OFF- 12 12 70 1215				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 8.8E-01ML/M3				
3H* 7.2E-01PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH			LT1E00	NA
93723 93 M ON- 12 12 70 1220				
SIZE- 7.92 M3 OFF- 12 14 70 0820				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 5.4E-01ML/M3				
3H* LT2E00PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH			7.2E-01	NA
93770 93 M ON- 12 14 70 0830				
SIZE- 8.59 M3 OFF- 12 16 70 0815				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 6.6E-01ML/M3				
3H* 1.1E00PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH			8.8E-01	NA
93936 93 M ON- 12 16 70 0825				
SIZE- 8.67 M3 OFF- 12 18 70 0835				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 1.0E00ML / M3				
3H* 8.7E-01PCI/ML				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
DEBEQUE COLO - RUSS LATHAM RANCH	75/05/29	5.1E-01	NA
95341 93 M ON- 12 18 70 0840			
SIZE- 10.1 M3 OFF- 12 20 70 1655			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 7.0E-01ML/M3			
3H* 7.3E-01PCI/ML			
DEBEQUE COLO - RUSS LATHAM RANCH	1.2E00	NA	
96950 93 M ON- 02 01 71 1000			
SIZE- 8.74 M3 OFF- 02 03 71 1035			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 1.0E00ML / M3			
3H* 1.2E00PCI/ML			
DEBEQUE COLO - RUSS LATHAM RANCH	9.7E-01	NA	
98109 93 M ON- 02 03 71 1050			
SIZE- 8.58 M3 OFF- 02 05 71 1030			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 5.0E-01ML/M3			
3H* 1.9E00PCI/ML			
DEBEQUE COLO - RUSS LATHAM RANCH	1.5E00	NA	
98110 93 M ON- 02 05 71 1045			
SIZE- 8.64 M3 OFF- 02 07 71 1045			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 4.5E-01ML/M3			
3H* 3.3E00PCI/ML			
DEBEQUE COLO - RUSS LATHAM RANCH	NA	NA	
98200 93 M ON- 02 07 71 1100			
SIZE- OFF- 02 09 71 1020			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
3H* ISA			
DEBEQUE COLO - RUSS LATHAM RANCH	LT2E-01	NA	
98252 93 M ON- 02 09 71 1035			
SIZE- 9.09 M3 OFF- 02 11 71 1305			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 1.2E-01ML/M3			
3H* LT2E00PCI/ML			
DEBEQUE COLO - RUSS LATHAM RANCH	1.4E00	NA	
98326 93 M ON- 02 11 71 1310			
SIZE- 8.32 M3 OFF- 02 13 71 1125			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 6.4E-01ML/M3			
3H* 2.2E00PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
DEBEQUE COLO - RUSS LATHAM RANCH			1.9E00	NA
98327 93 M ON- 02 13 71 1130				
SIZE- 8.49 M3 OFF- 02 15 71 1040				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 6.7E-01ML/M3				
3H* 2.8E00PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH			8.8E-01	NA
98407 93 M ON- 02 15 71 1050				
SIZE- 8.32 M3 OFF- 02 17 71 0905				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 4.6E-01ML/M3				
3H* 1.9E00PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH			1.0E00	NA
98450 93 M ON- 02 17 71 0915				
SIZE- 8.76 M3 OFF- 02 19 71 0955				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 8.7E-01ML/M3				
3H* 1.2E00PCI/ML				
DEBEQUE COLO - RUSS LATHAM RANCH			NA	NA
98545 93 M ON- 02 19 71 1000				
SIZE- 8.40 M3 OFF- 02 21 71 0705				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
3H* ISA				
DEBEQUE COLO - RUSS LATHAM RANCH			NA	NA
98577 93 M ON- 02 21 71 0705				
SIZE- M3 OFF- 02 23 71 0655				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
3H* ISA				
DEBEQUE COLO - RUSS LATHAM RANCH			NA	NA
98578 93 M ON- 02 23 71 0705				
SIZE- M3 OFF- 02 25 71 0650				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
3H* ISA				
DEBEQUE COLO - RUSS LATHAM RANCH			NA	NA
98626 93 M ON- 02 25 71 0705				
SIZE- M3 OFF- 02 27 71 1450				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
3H* ISA				
DEBEQUE COLO - RUSS LATHAM RANCH			NA	NA
98722 93 M ON- 02 27 71 1455				
SIZE- M3 OFF- 03 01 71 1330				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
3H* ISA				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
DEBEQUE COLO - RUSS LATHAM RANCH			NA	NA
98777 93 M	ON- 03 01 71	1335		
SIZE- M3	OFF- 03 03 71	1040		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
3H*	ISA			
DEBEQUE COLO - RUSS LATHAM RANCH			NA	NA
98880 93 M	ON- 03 03 71	1050		
SIZE- 8.10 M3	OFF- 03 05 71	0700		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
3H*	ISA			
DEBEQUE COLO - RUSS LATHAM RANCH			NA	NA
98881 93 M	ON- 03 05 71	0715		
SIZE- 8.70 M3	OFF- 03 07 71	0640		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
3H*	ISA			
DEBEQUE COLO - RUSS LATHAM RANCH			NA	NA
99004 93 M	ON- 03 07 71	0647		
SIZE- M3	OFF- 03 09 71	0840		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
3H*	ISA			
DEBEQUE COLO - RUSS LATHAM RANCH			2.9E-01	NA
99110 93 M	ON- 03 09 71	0845		
SIZE- 9.36 M3	OFF- 03 11 71	1245		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	3.9E-01ML / M3			
3H*	7.5E-01PCI/ML			
DEBEQUE COLO - RUSS LATHAM RANCH			1.4E00	NA
99166 93 M	ON- 03 11 71	1250		
SIZE- 8.67 M3	OFF- 03 13 71	1300		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.8E00ML / M3			
3H*	7.9E-01PCI/ML			
DEBEQUE COLO - RUSS LATHAM RANCH			2.7E00	NA
99227 93 M	ON- 03 13 71	1305		
SIZE- 8.67 M3	OFF- 03 15 71	1315		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	3.0E00ML / M3			
3H*	9.0E-01PCI/ML			
DEBEQUE COLO - RUSS LATHAM RANCH			2.9E00	NA
99292 93 M	ON- 03 15 71	1320		
SIZE- 7.60 M3	OFF- 03 17 71	0735		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	3.1E00ML / M3			
3H*	9.4E-01PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
DEBEQUE COLO - RUSS LATHAM RANCH 99359 93 M ON- 03 17 71 0745 SIZE- 8.67 M3 OFF- 03 19 71 0755 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.8E00ML / M3 3H* 1.2E00PCI/ML	2.1E00	NA	
DEBEQUE COLO - RUSS LATHAM RANCH 99360 93 M ON- 03 19 71 0805 SIZE- 9.72 M3 OFF- 03 21 71 1405 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.5E00ML / M3 3H* 9.8E-01PCI/ML	1.5E00	NA	
DEBEQUE COLO - RUSS LATHAM RANCH 99474 93 M ON- 03 21 71 1410 SIZE- 8.50 M3 OFF- 03 23 71 1325 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.0E00ML / M3 3H* 6.6E-01PCI/ML	1.3E00	NA	
DEBEQUE COLO - RUSS LATHAM RANCH 99551 93 M ON- 03 23 71 1330 SIZE- 7.65 M3 OFF- 03 25 71 0800 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 4.5E00ML / M3 3H* 7.8E-01PCI/ML	3.5E00	NA	
DEBEQUE COLO - RUSS LATHAM RANCH 99618 93 M ON- 03 25 71 0805 SIZE- 8.79 M3 OFF- 03 27 71 0855 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 3.6E00ML / M3 3H* 6.4E-01PCI/ML	2.3E00	NA	
GRAND VALLEY COLO N SIDE COLO RIVBRDG 89726 93 M ON- 10 05 70 0355 SIZE- 7.75 M3 OFF- 10 05 70 0633 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 5.7E00ML / M3 3H* 7.7E-01PCI/ML	4.4E00	NA	
GRAND VALLEY COLO N SIDE COLO RIVBRDG 89782 93 PF M ON- 10 05 70 0355 SIZE- 7.75 M3 OFF- 10 05 70 0633 -ANALYSIS---RESULT----2SIGMA---UNITS--- GAMMA SPECTRUM NEGLIGIBLE	NA	NA	

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO			4.4E00	NA
93452 93 M	ON-	12 06 70 0900		
SIZE- 4.53 M3	OFF-	12 06 70 1010		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	5100FT			
H2O	3.1E00ML / M3			
3H*	1.4E00PCI/ML			
GRAND VALLEY COLO RONALD REESE RANCH			4.8E00	NA
93551 93 M	ON-	12 07 70 0755		
SIZE- 7.42 M3	OFF-	12 07 70 0955		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6300FT			
H2O	1.9E00ML / M3			
3H*	2.5E00PCI/ML			
GRAND VALLEY COLO RONALD REESE RES			5.9E00	NA
99407 93 M	ON-	03 19 71 0750		
SIZE- 5.84 M3	OFF-	03 19 71 0950		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6300FT			
H2O	1.5E00ML / M3			
3H*	3.9E00PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH			2.6E00	NA
89593 93 M	ON-	10 02 70 1320		
SIZE- 8.28 M3	OFF-	10 04 70 1120		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	3.1E00ML / M3			
3H*	8.5E-01PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH			NA	NA
89603 93 PF M	ON-	10 02 70 1320		
SIZE- 8.28 M3	OFF-	10 04 70 1120		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
GRAND VALLEY COLO - JOHN C CLEM RANCH			4.0E00	NA
89694 93 M	ON-	10 05 70 0330		
SIZE- 8.97 M3	OFF-	10 05 70 0630		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	5.6E00ML / M3			
3H*	7.0E-01PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 89772 93 PF M ON- 10 05 70 0330 SIZE- 8.97 M3 OFF- 10 05 70 0630 -ANALYSIS---RESULT----2SIGMA---UNITS--- GAMMA SPECTRUM NEGLIGIBLE			NA	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 89840 93 M ON- 10 04 70 1150 SIZE- 8.82 M3 OFF- 10 06 70 1250 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 4.6E00ML / M3 3H* 9.2E-01PCI/ML		4.2E00	LT7E00	
GRAND VALLEY COLO - JOHN C CLEM RANCH 89852 93 PF M ON- 10 04 70 1150 SIZE- 8.82 M3 OFF- 10 06 70 1250 -ANALYSIS---RESULT----2SIGMA---UNITS--- GAMMA SPECTRUM NEGLIGIBLE		NA	NA	
GRAND VALLEY COLO - JOHN C CLEM RANCH 89927 93 M ON- 10 06 70 1300 SIZE- 8.19 M3 OFF- 10 08 70 1030 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 3.3E00ML / M3 3H* 1.2E00PCI/ML		3.9E00	NA	
GRAND VALLEY COLO - JOHN C CLEM RANCH 89954 93 PF M ON- 10 06 70 1300 SIZE- 8.19 M3 OFF- 10 08 70 1030 -ANALYSIS---RESULT----2SIGMA---UNITS--- GAMMA SPECTRUM NEGLIGIBLE		NA	NA	
GRAND VALLEY COLO - JOHN C CLEM RANCH 90623 93 M ON- 10 25 70 1230 SIZE- 7.81 M3 OFF- 10 27 70 0755 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.9E00ML / M3 3H* 7.9E-01PCI/ML		2.3E00	NA	

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H	14C
			PCI/M3	PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 90624 93 M ON- 10 28 70 0600 SIZE- 6.53 M3 OFF- 10 28 70 0800			9.4E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT 6000FT H2O 1.8E00ML / M3 3H* 5.1E00PCI/ML				
GRAND VALLEY COLO - JOHN C CLEM RANCH 90703 93 M ON- 10 27 70 0800 SIZE- 9.12 M3 OFF- 10 29 70 1040		3.6E00	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 1.3E00ML / M3 3H* 2.7E00PCI/ML				
GRAND VALLEY COLO - JOHN C CLEM RANCH 90704 93 M ON- 10 29 70 1100 SIZE- 8.73 M3 OFF- 10 31 70 1130		1.8E00	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 1.5E00ML / M3 3H* 1.2E00PCI/ML				
GRAND VALLEY COLO - JOHN C CLEM RANCH 90813 93 M ON- 10 31 70 1150 SIZE- 8.50 M3 OFF- 11 02 70 1105		1.9E00	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 2.4E00ML / M3 3H* 8.0E-01PCI/ML				
GRAND VALLEY COLO - JOHN C CLEM RANCH 90814 93 M ON- 11 02 70 1120 SIZE- 8.80 M3 OFF- 11 04 70 1215		3.2E00	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 1.6E00ML / M3 3H* 2.0E00PCI/ML				
GRAND VALLEY COLO - JOHN C CLEM RANCH 93399 93 M ON- 12 01 70 1855 SIZE- 5.92 M3 OFF- 12 01 70 2055		2.5E00	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 2.5E00ML / M3 3H* 1.0E00PCI/ML				
GRAND VALLEY COLO - JOHN C CLEM RANCH 93398 93 M ON- 11 30 70 1625 SIZE- 7.86 M3 OFF- 12 02 70 1205		3.3E00	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 2.1E00ML / M3 3H* 1.6E00PCI/ML				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1, 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 93444 93 M ON- 12 02 70 1250 SIZE- 8.29 M3 OFF- 12 04 70 1055 -ANALYSIS---RESULT---2SIGMA---UNITS---			1.8E00	NA
H2O 1.2E00ML / M3 3H* 1.5E00PCI/ML				
GRAND VALLEY COLO - JOHN C CLEM RANCH 93457 93 M ON- 12 04 70 1130 SIZE- 8.37 M3 OFF- 12 06 70 1000 -ANALYSIS---RESULT---2SIGMA---UNITS---			1.0E01	LT1E01
H2O 1.3E00ML / M3 3H* 7.5E00PCI/ML				
GRAND VALLEY COLO - JOHN C CLEM RANCH 93570 93 M ON- 12 06 70 1020 SIZE- 8.65 M3 OFF- 12 08 70 1025 -ANALYSIS---RESULT---2SIGMA---UNITS---			9.2E00	NA
H2O 2.1E00ML / M3 3H* 4.4E00PCI/ML				
GRAND VALLEY COLO - JOHN C CLEM RANCH 93603 93 M ON- 12 08 70 1045 SIZE- 8.61 M3 OFF- 12 10 70 1035 -ANALYSIS---RESULT---2SIGMA---UNITS---			1.4E00	LT1E01
H2O 2.3E00ML / M3 3H* 5.9E-01PCI/ML				
GRAND VALLEY COLO - JOHN C CLEM RANCH 93659 93 M ON- 12 10 70 1100 SIZE- 8.49 M3 OFF- 12 12 70 1010 -ANALYSIS---RESULT---2SIGMA---UNITS---			4.7E00	NA
H2O 2.4E00ML / M3 3H* 2.0E00PCI/ML				
GRAND VALLEY COLO - JOHN C CLEM RANCH 93725 93 M ON- 12 12 70 1015 SIZE- 8.70 M3 OFF- 12 14 70 1035 -ANALYSIS---RESULT---2SIGMA---UNITS---			2.1E01	NA
H2O 1.9E00ML / M3 3H* 1.1E01PCI/ML				
GRAND VALLEY COLO - JOHN C CLEM RANCH 93769 93 M ON- 12 14 70 1040 SIZE- 8.59 M3 OFF- 12 16 70 1025 -ANALYSIS---RESULT---2SIGMA---UNITS---			3.1E00	NA
H2O 1.9E00ML / M3 3H* 1.6E00PCI/ML				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 93938 93 M ON- 12 16 70 1030 SIZE- 8.76 M3 OFF- 12 18 70 1110 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.3E00ML / M3 3H* 5.5E-01PCI/ML			1.3E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 95340 93 M ON- 12 18 70 1115 SIZE- 9.28 M3 OFF- 12 20 70 1450 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.1E00ML / M3 3H* 6.7E-01PCI/ML			1.4E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 96946 93 M ON- 02 01 71 1250 SIZE- 8.38 M3 OFF- 02 03 71 1125 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 3.7E00ML / M3 3H* 6.7E-01PCI/ML			2.5E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 98115 93 M ON- 02 03 71 1145 SIZE- 8.49 M3 OFF- 02 05 71 1055 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.4E00ML / M3 3H* 2.4E00PCI/ML			3.4E00	ISA
GRAND VALLEY COLO - JOHN C CLEM RANCH 98116 93 M ON- 02 05 71 1100 SIZE- 8.70 M3 OFF- 02 07 71 1120 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 9.0E-01ML/M3 3H* 2.1E00PCI/ML			1.9E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 98206 93 M ON- 02 07 71 1130 SIZE- 8.77 M3 OFF- 02 09 71 1215 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.8E00ML / M3 3H* 1.8E00PCI/ML			3.2E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 98255 93 M ON- 02 09 71 1220 SIZE- 8.53 M3 OFF- 02 11 71 1145 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.2E00ML / M3 3H* 2.2E00PCI/ML			2.7E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 98318 93 M ON- 02 11 71 1155 SIZE- 8.47 M3 OFF- 02 13 71 1100			6.4E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.9E00ML / M3			
3H*	3.4E00PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH 98319 93 M ON- 02 13 71 1105 SIZE- 8.61 M3 OFF- 02 15 71 1055			3.4E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	2.1E00ML / M3			
3H*	1.6E00PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH 98406 93 M ON- 02 15 71 1100 SIZE- 8.46 M3 OFF- 02 17 71 1000			3.0E00	LT5E00
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	2.2E00ML / M3			
3H*	1.4E00PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH 98451 93 M ON- 02 17 71 1005 SIZE- 9.13 M3 OFF- 02 19 71 1250			2.4E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	2.9E00ML / M3			
3H*	8.4E-01PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH 98546 93 M ON- 02 19 71 1300 SIZE- 8.53 M3 OFF- 02 21 71 1225			2.8E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	2.3E00ML / M3			
3H*	1.2E00PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH 98576 93 M ON- 02 21 71 1235 SIZE- 8.47 M3 OFF- 02 23 71 1140			2.8E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	6.5E-01ML/M3			
3H*	4.4E00PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH 98575 93 M ON- 02 23 71 1145 SIZE- 8.59 M3 OFF- 02 25 71 1130			3.7E00	ISA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.6E00ML / M3			
3H*	2.4E00PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 98628 93 M ON- 02 25 71 1132 SIZE- 8.96 M3 OFF- 02 27 71 1320			2.1E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.1E00ML / M3			
3H*	1.9E00PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH 98718 93 M ON- 02 27 71 1325 SIZE- 8.49 M3 OFF- 03 01 71 1235			2.3E00	LT3E00
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	8.7E-01ML / M3			
3H*	2.7E00PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH 98772 93 M ON- 03 01 71 1240 SIZE- 8.04 M3 OFF- 03 03 71 0920			3.2E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	8.8E-01ML / M3			
3H*	3.6E00PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH 98870 93 M ON- 03 03 71 0925 SIZE- 9.24 M3 OFF- 03 05 71 1245			2.0E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.6E00ML / M3			
3H*	1.2E00PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH 98871 93 M ON- 03 05 71 1255 SIZE- 8.22 M3 OFF- 03 07 71 1035			3.1E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	9.4E-01ML / M3			
3H*	3.3E00PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH 99001 93 M ON- 03 07 71 1040 SIZE- 8.97 M3 OFF- 03 09 71 1230			3.2E00	ISA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.4E00ML / M3			
3H*	2.2E00PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH 99111 93 M ON- 03 09 71 1235 SIZE- 8.11 M3 OFF- 03 11 71 0940			2.4E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	2.2E00ML / M3			
3H*	1.1E00PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1, 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 99162 93 M ON- 03 11 71 0945 SIZE- 8.91 M3 OFF- 03 13 71 1115 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.7E00ML / M3 3H* 7.7E-01PCI/ML			2.1E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 99224 93 M ON- 03 13 71 1120 SIZE- 8.59 M3 OFF- 03 15 71 1105 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.1E00ML / M3 3H* 8.5E-01PCI/ML			1.8E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 99286 93 M ON- 03 15 71 1110 SIZE- 8.70 M3 OFF- 03 17 71 1135 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 9.8E-01ML/M3 3H* 1.3E00PCI/ML			1.3E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 99357 93 M ON- 03 17 71 1155 SIZE- 8.77 M3 OFF- 03 19 71 1240 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 5.5E-01ML/M3 3H* 2.8E00PCI/ML			1.6E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 99393 93 M ON- 03 19 71 0730 SIZE- 9.26 M3 OFF- 03 19 71 0930 -ANALYSIS---RESULT---2SIGMA---UNITS--- ALT 6000FT H2O 1.4E00ML / M3 3H* 1.8E00PCI/ML			2.6E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 99358 93 M ON- 03 19 71 1300 SIZE- 8.47 M3 OFF- 03 21 71 1205 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 7.6E-01ML/M3 3H* 6.3E00PCI/ML			4.8E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 99469 93 M ON- 03 21 71 1210 SIZE- 8.52 M3 OFF- 03 23 71 1130 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.0E00ML / M3 3H* 9.8E-01PCI/ML			9.9E-01	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 99547 93 M ON- 03 23 71 1135 SIZE- 8.40 M3 OFF- 03 25 71 1015 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 5.9E-01ML/M3 3H* 7.4E-01PCI/ML			4.4E-01	ISA
GRAND VALLEY COLO - JOHN C CLEM RANCH 99614 93 M ON- 03 25 71 1020 SIZE- 8.80 M3 OFF- 03 27 71 1115 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.5E00ML / M3 3H* 1.0E00PCI/ML			1.5E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 99654 93 M ON- 03 27 71 1115 SIZE- 8.68 M3 OFF- 03 29 71 1130 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 8.0E-01ML/M3 3H* 3.4E00PCI/ML			2.7E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 99687 93 M ON- 03 29 71 1135 SIZE- 8.50 M3 OFF- 03 31 71 1050 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 7.1E-01ML/M3 3H* 2.8E00PCI/ML			2.0E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 99771 93 M ON- 03 31 71 1110 SIZE- 8.59 M3 OFF- 04 02 71 1055 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 5.6E-01ML/M3 3H* 4.2E00PCI/ML			2.4E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 99772 93 M ON- 04 02 71 1105 SIZE- 8.56 M3 OFF- 04 04 71 1040 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 5.8E-01ML/M3 3H* 3.8E00PCI/ML			2.2E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 99878 93 M ON- 04 04 71 1120 SIZE- 8.65 M3 OFF- 04 06 71 1125 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 3.9E-01ML/M3 3H* 4.1E00PCI/ML			1.6E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 99995 93 M ON- 04 06 71 1130 SIZE- 8.64 M3 OFF- 04 08 71 1130 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 5.8E-01ML/M3 3H* 3.9E00PCI/ML			2.3E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 100073 93 M ON- 04 08 71 1140 SIZE- 8.61 M3 OFF- 04 10 71 1130 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 8.1E-01ML/M3 3H* 1.6E00PCI/ML			1.3E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 100235 93 M ON- 04 10 71 1130 SIZE- 8.46 M3 OFF- 04 12 71 1030 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 4.6E-01ML/M3 3H* 2.7E00PCI/ML			1.2E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 100322 93 M ON- 04 12 71 1040 SIZE- 8.64 M3 OFF- 04 14 71 1040 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 6.8E-01ML/M3 3H* 2.8E00PCI/ML			1.9E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 100438 93 M ON- 04 14 71 1045 SIZE- 8.77 M3 OFF- 04 16 71 1130 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 8.8E-01ML/M3 3H* 2.3E00PCI/ML			2.0E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 100439 93 M ON- 04 16 71 1130 SIZE- 8.68 M3 OFF- 04 18 71 1145 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 9.5E-01ML/M3 3H* 1.6E00PCI/ML			1.5E00	NA
GRAND VALLEY COLO - JOHN C CLEM RANCH 100564 93 M ON- 04 18 71 1145 SIZE- 8.41 M3 OFF- 04 20 71 1030 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 8.8E-01ML/M3 3H* 1.8E00PCI/ML			1.6E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 100638 93 M ON- 04 20 71 1055 SIZE- 8.65 M3 OFF- 04 22 71 1100		2.1E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 1.2E00ML / M3 3H* 1.8E00PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH 100774 93 M ON- 04 22 71 1120 SIZE- 8.64 M3 OFF- 04 24 71 1105		2.6E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 1.2E00ML / M3 3H* 2.1E00PCI/ML			
GRAND VALLEY COLO - JOHN C CLEM RANCH 100775 93 M ON- 04 24 71 1120 SIZE- 9.06 M3 OFF- 04 26 71 1340		1.4E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 9.2E-01ML/M3 3H* 1.5E00PCI/ML			
GRAND VALLEY COLO - SPEC STA A-X 89693 93 M ON- 10 05 70 1450 SIZE- 3.21 M3 OFF- 10 05 70 1550		1.8E02	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 5.2E00ML / M3 3H* 3.4E01PCI/ML			
GRAND VALLEY COLO - SPEC STA A-X 89699 93 M ON- 10 05 70 0835 SIZE- 3.87 M3 OFF- 10 05 70 1035		2.4E02	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 4.8E00ML / M3 3H* 5.1E01PCI/ML			
GRAND VALLEY COLO - SPEC STA A-X 89794 93 PF M ON- 10 05 70 0835 SIZE- 3.87 M3 OFF- 10 05 70 1035		NA	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
GAMMA SPECTRUM NEGLIGIBLE			
GRAND VALLEY COLO - SPEC STA A-X 89795 93 PF M ON- 10 05 70 1450 SIZE- 3.21 M3 OFF- 10 05 70 1550		NA	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
GAMMA SPECTRUM NEGLIGIBLE			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H	14C
			PCI/M3	PCI/M3
GRAND VALLEY COLO - DAN DUPLICE RANCH			2.4E00	NA
89597 93 M	ON-	10 02 70 1355		
SIZE- 8.35 M3	OFF-	10 04 70 1220		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	3.3E00ML / M3			
3H*	7.4E-01PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH			NA	NA
89607 93 PF M	ON-	10 02 70 1355		
SIZE- 8.35 M3	OFF-	10 04 70 1220		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
GRAND VALLEY COLO - SPEC STA B-III			1.5E01	NA
89720 93 M	ON-	10 05 70 0851		
SIZE- 5.33 M3	OFF-	10 05 70 1051		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	10080FT			
H2O	4.9E00ML / M3			
3H*	3.2E00PCI/ML			
GRAND VALLEY COLO - SPEC STA B-III			1.0E01	NA
89721 93 M	ON-	10 05 70 1455		
SIZE- 1.20 M3	OFF-	10 05 70 1525		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	10080FT			
H2O	4.3E00ML / M3			
3H*	2.4E00PCI/ML			
GRAND VALLEY COLO - SPEC STA B-III			NA	NA
89790 93 PF M	ON-	10 05 70 1455		
SIZE- 1.20 M3	OFF-	10 05 70 1525		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
GRAND VALLEY COLO - SPEC STA B-III			NA	NA
89792 93 PF M	ON-	10 05 70 0851		
SIZE- 5.33 M3	OFF-	10 05 70 1051		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - DAN DUPLICE RANCH 89842 93 M ON- 10 04 70 1230 SIZE- 8.98 M3 OFF- 10 06 70 1425			4.1E00	LT7E00
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	5.2E00ML / M3			
3H*	7.9E-01PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 89854 93 PF M ON- 10 04 70 1230 SIZE- 8.98 M3 OFF- 10 06 70 1425			NA	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
GRAND VALLEY COLO - DAN DUPLICE RANCH 89931 93 M ON- 10 06 70 1435 SIZE- 8.05 M3 OFF- 10 08 70 1120			3.5E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	5.1E00ML / M3			
3H*	6.9E-01PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 89958 93 PF M ON- 10 06 70 1435 SIZE- 8.05 M3 OFF- 10 08 70 1120			NA	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
GRAND VALLEY COLO - DAN DUPLICE RANCH 90622 93 M ON- 10 25 70 1250 SIZE- 7.92 M3 OFF- 10 27 70 0850			LT1E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	3.5E00ML / M3			
3H*	LT4E-01PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 90713 93 M ON- 10 27 70 0830 SIZE- 9.13 M3 OFF- 10 29 70 1115			2.0E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	2.2E00ML / M3			
3H*	9.3E-01PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 90714 93 M ON- 10 29 70 1140 SIZE- 8.49 M3 OFF- 10 31 70 1050			1.7E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	2.6E00ML / M3			
3H*	6.4E-01PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - DAN DUPLICE RANCH 90817 93 M ON- 10 31 70 1105 SIZE- 8.55 M3 OFF- 11 02 70 1035 -ANALYSIS---RESULT---2SIGMA---UNITS--- MOIS 3.0E00ML / M3 3H* 6.4E-01PCI/ML	75/05/29	1.9E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 90818 93 M ON- 11 02 70 1045 SIZE- 8.82 M3 OFF- 11 04 70 1145 -ANALYSIS---RESULT---2SIGMA---UNITS--- MOIS 2.1E00ML / M3 3H* 1.5E00PCI/ML		3.2E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 93401 93 M ON- 11 30 70 1650 SIZE- 8.01 M3 OFF- 12 02 70 1320 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 3.2E00ML / M3 3H* 6.1E-01PCI/ML		1.9E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 93464 93 M ON- 12 02 70 1335 SIZE- 8.43 M3 OFF- 12 04 70 1225 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.0E00ML / M3 3H* 1.1E00PCI/ML		2.2E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 93465 93 M ON- 12 04 70 1235 SIZE- 8.28 M3 OFF- 12 06 70 1035 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.6E00ML / M3 3H* 2.2E00PCI/ML		5.7E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 93569 93 M ON- 12 06 70 1045 SIZE- 8.77 M3 OFF- 12 08 70 1130 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.7E00ML / M3 3H* 1.5E00PCI/ML		4.0E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 93600 93 M ON- 12 08 70 1145 SIZE- 8.58 M3 OFF- 12 10 70 1125 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 3.4E00ML / M3 3H* 5.4E-01PCI/ML		1.8E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - DAN DUPLICE RANCH 93656 93 M ON- 12 10 70 1135 SIZE- 8.53 M3 OFF- 12 12 70 1100			2.3E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 2.5E00ML / M3 3H* 9.2E-01PCI/ML				
GRAND VALLEY COLO - DAN DUPLICE RANCH 93724 93 M ON- 12 12 70 1105 SIZE- 8.44 M3 OFF- 12 14 70 1000			4.9E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 1.9E00ML / M3 3H* 2.6E00PCI/ML				
GRAND VALLEY COLO - DAN DUPLICE RANCH 93768 93 M ON- 12 14 70 1010 SIZE- 8.62 M3 OFF- 12 16 70 1005			2.0E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 2.2E00ML / M3 3H* 9.1E-01PCI/ML				
GRAND VALLEY COLO - DAN DUPLICE RANCH 93937 93 M ON- 12 16 70 1010 SIZE- 8.73 M3 OFF- 12 18 70 1040			1.4E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 2.5E00ML / M3 3H* 5.6E-01PCI/ML				
GRAND VALLEY COLO - DAN DUPLICE RANCH 95337 93 M ON- 12 18 70 1045 SIZE- 9.50 M3 OFF- 12 20 70 1530			1.7E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 2.1E00ML / M3 3H* 7.9E-01PCI/ML				
GRAND VALLEY COLO - DAN DUPLICE RANCH 96948 93 M ON- 02 01 71 1310 SIZE- 8.46 M3 OFF- 02 03 71 1210			1.9E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 3.8E00ML / M3 3H* 5.1E-01PCI/ML				
GRAND VALLEY COLO - DAN DUPLICE RANCH 98107 93 M ON- 02 03 71 1225 SIZE- 8.58 M3 OFF- 02 05 71 1205			1.2E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 1.2E00ML / M3 3H* 1.1E00PCI/ML				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - DAN DUPLICE RANCH 98108 93 M ON- 02 05 71 1212 SIZE- 8.63 M3 OFF- 02 07 71 1210 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 9.5E-01ML/M3 3H* 2.0E00PCI/ML			1.9E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 98203 93 M ON- 02 07 71 1230 SIZE- 8.56 M3 OFF- 02 09 71 1205 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.6E00ML / M3 3H* 1.5E00PCI/ML			2.3E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 98251 93 M ON- 02 09 71 1222 SIZE- 8.39 M3 OFF- 02 11 71 1100 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.8E00ML / M3 3H* 3.0E00PCI/ML			5.3E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 98322 93 M ON- 02 11 71 1110 SIZE- 8.55 M3 OFF- 02 13 71 1040 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.6E00ML / M3 3H* 2.0E00PCI/ML			3.2E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 98323 93 M ON- 02 13 71 1045 SIZE- 8.80 M3 OFF- 02 15 71 1140 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.3E00ML / M3 3H* 1.3E00PCI/ML			3.0E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 98408 93 M ON- 02 15 71 1150 SIZE- 8.35 M3 OFF- 02 17 71 1015 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.7E00ML / M3 3H* 1.4E00PCI/ML			2.4E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 98454 93 M ON- 02 17 71 1030 SIZE- 8.61 M3 OFF- 02 19 71 1020 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.8E00ML / M3 3H* 7.2E-01PCI/ML			2.0E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - DAN DUPLICE RANCH 98540 93 M ON- 02 19 71 1030 SIZE- 9.06 M3 OFF- 02 21 71 1250		2.2E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 1.8E00ML / M3			
3H* 1.2E00PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 98569 93 M ON- 02 21 71 1300 SIZE- 8.46 M3 OFF- 02 23 71 1200		1.4E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 7.3E-01ML/M3			
3H* 1.9E00PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 98570 93 M ON- 02 23 71 1210 SIZE- 8.56 M3 OFF- 02 25 71 1145		1.3E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 1.2E00ML / M3			
3H* 1.1E00PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 98629 93 M ON- 02 25 71 1152 SIZE- 8.96 M3 OFF- 02 27 71 1340		7.7E-01	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 1.0E00ML / M3			
3H* 7.3E-01PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 98717 93 M ON- 02 27 71 1345 SIZE- 7.80 M3 OFF- 03 01 71 0905		6.8E01	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 6.2E-01ML/M3			
3H* 1.1E00PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 98778 93 M ON- 03 01 71 0915 SIZE- 8.71 M3 OFF- 03 03 71 0940		5.5E-01	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 3.6E-01ML/M3			
3H* 1.5E00PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 98872 93 M ON- 03 03 71 0945 SIZE- 9.24 M3 OFF- 03 05 71 1305		1.5E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 9.6E-01ML/M3			
3H* 1.6E00PCI/ML			

ATMOSPHERIC ³H AND ¹⁴C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	³ H PCI/M3	¹⁴ C PCI/M3
GRAND VALLEY COLO - DAN DUPLICE RANCH 98873 93 M ON- 03 05 71 1315 SIZE- 8.22 M3 OFF- 03 07 71 1055 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 6.4E-01ML/M3 3H* 1.7E00PCI/ML	75/05/29	1.1E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 99005 93 M ON- 03 07 71 1105 SIZE- 8.76 M3 OFF- 03 09 71 1145 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 9.2E-01ML/M3 3H* 1.3E00PCI/ML		1.2E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 99112 93 M ON- 03 09 71 1150 SIZE- 8.19 M3 OFF- 03 11 71 0920 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.2E00ML / M3 3H* 1.0E00PCI/ML		1.2E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 99164 93 M ON- 03 11 71 0925 SIZE- 9.03 M3 OFF- 03 13 71 1135 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.3E00ML / M3 3H* 7.9E-01PCI/ML		1.0E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 99228 93 M ON- 03 13 71 1140 SIZE- 8.41 M3 OFF- 03 15 71 1025 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.1E00ML / M3 3H* 9.1E-01PCI/ML		9.9E-01	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 99290 93 M ON- 03 15 71 1030 SIZE- 8.74 M3 OFF- 03 17 71 1105 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.1E00ML / M3 3H* 1.2E00PCI/ML		1.3E00	NA
GRAND VALLEY COLO - DAN DUPLICE RANCH 99361 93 M ON- 03 17 71 1120 SIZE- 8.79 M3 OFF- 03 19 71 1210 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 5.6E-01ML/M3 3H* 1.4E00PCI/ML		7.7E-01	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H	14C
			PCI/M3	PCI/M3
GRAND VALLEY COLO - DAN DUPLICE RANCH 99362 93 M ON- 03 19 71 1225 SIZE- 8.50 M3 OFF- 03 21 71 1140			1.0E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	5.8E-01ML/M3			
3H*	1.7E00PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 99473 93 M ON- 03 21 71 1145 SIZE- 8.52 OFF- 03 23 71 1105			5.5E-01	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	7.9E-01ML/M3			
3H*	7.0E-01PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 99549 93 M ON- 03 23 71 1110 SIZE- 8.43 M3 OFF- 03 25 71 1000			1.6E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.6E00ML / M3			
3H*	9.5E-01PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 99615 93 M ON- 03 25 71 1005 SIZE- 8.76 M3 OFF- 03 27 71 1045			1.5E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.7E00ML / M3			
3H*	9.3E-01PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 99655 93 M ON- 03 27 71 1050 SIZE- 8.71 M3 OFF- 03 29 71 1115			1.6E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.2E00ML / M3			
3H*	1.3E00PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 99688 93 M ON- 03 29 71 1120 SIZE- 8.65 M3 OFF- 03 31 71 1125			1.8E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	8.4E-01ML/M3			
3H*	2.1E00PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH 99773 93 M ON- 03 31 71 1135 SIZE- 8.59 M3 OFF- 04 02 71 1120			1.6E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	6.0E-01ML/M3			
3H*	2.6E00PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H	14C
			PCI/M3	PCI/M3
GRAND VALLEY COLO - DAN DUPLICE RANCH			2.1E00	NA
99774 93 M	ON- 04 02 71 1125			
SIZE- 8.56 M3	OFF- 04 04 71 1100			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	7.3E-01ML/M3			
3H*	2.9E00PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH			1.0E00	NA
99879 93 M	ON- 04 04 71 1110			
SIZE- 8.64 M3	OFF- 04 06 71 1110			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	4.2E-01ML/M3			
3H*	2.4E00PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH			1.7E00	NA
99996 93 M	ON- 04 06 71 1310			
SIZE- 8.25 M3	OFF- 04 08 71 1100			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	9.5E-01ML/M3			
3H*	1.8E00PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH			4.0E00	NA
100074 93 M	ON- 04 08 71 1100			
SIZE- 8.64 M3	OFF- 04 10 71 1100			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	2.2E00ML / M3			
3H*	1.8E00PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH			2.7E00	NA
100236 93 M	ON- 04 10 71 1105			
SIZE- 8.44 M3	OFF- 04 12 71 1000			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.5E00ML / M3			
3H*	1.8E00PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH			3.3E00	NA
100323 93 M	ON- 04 12 71 1005			
SIZE- 8.80 M3	OFF- 04 14 71 1100			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	2.1E00ML / M3			
3H*	1.6E00PCI/ML			
GRAND VALLEY COLO - DAN DUPLICE RANCH			3.8E00	NA
100440 93 M	ON- 04 14 71 1100			
SIZE- 8.59 M3	OFF- 04 16 71 1045			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	3.2E00ML / M3			
3H*	1.2E00PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - DAN DUPLICE RANCH 100441 93 M ON- 04 16 71 1055 SIZE- 8.70 M3 OFF- 04 18 71 1115			3.0E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 3.0E00ML / M3 3H* 9.7E-01PCI/ML				
GRAND VALLEY COLO - DAN DUPLICE RANCH 100565 93 M ON- 04 18 71 1120 SIZE- 8.61 M3 OFF- 04 20 71 1110			4.3E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 3.3E00ML / M3 3H* 1.3E00PCI/ML				
GRAND VALLEY COLO - DAN DUPLICE RANCH 100639 93 M ON- 04 20 71 1130 SIZE- 8.44 M3 OFF- 04 22 71 1025			6.9E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 4.6E00ML / M3 3H* 1.5E00PCI/ML				
GRAND VALLEY COLO - DAN DUPLICE RANCH 100776 93 M ON- 04 22 71 1035 SIZE- 8.62 M3 OFF- 04 24 71 1030			5.1E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 4.4E00ML / M3 3H* 1.2E00PCI/ML				
GRAND VALLEY COLO - DAN DUPLICE RANCH 100777 93 M ON- 04 24 71 1041 SIZE- 9.03 M3 OFF- 04 26 71 1250			4.0E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 3.1E00ML / M3 3H* 1.3E00PCI/ML				
GRAND VALLEY COLO - DAVE BEASLEY RES 89718 93 M ON- 10 03 70 1340 SIZE- 8.49 M3 OFF- 10 05 70 1250			3.3E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.1E00ML / M3 3H* 1.6E00PCI/ML				
GRAND VALLEY COLO - DAVE BEASLEY RES 89768 93 PF M ON- 10 03 70 1340 SIZE- 8.49 M3 OFF- 10 05 70 1250			NA	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA SPECTRUM NEGLIGIBLE				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - DAVE BEASLEY RES 89895 93 M ON- 10 05 70 1305 SIZE- 7.95 M3 OFF- 10 07 70 0915 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.2E00ML / M3 3H* 1.0E00PCI/ML	75/05/29	2.3E00	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 89902 93 PF M ON- 10 05 70 1305 SIZE- 7.95 M3 OFF- 10 07 70 0915 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA SPECTRUM NEGLIGIBLE		NA	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 89928 93 M ON- 10 07 70 0915 SIZE- 4.42 M3 OFF- 10 08 70 0950 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 6.2E-01ML/M3 3H* 2.1E00PCI/ML		1.3E00	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 89955 93 PF M ON- 10 07 70 0915 SIZE- 4.42 M3 OFF- 10 08 70 0950 -ANALYSIS---RESULT---2SIGMA---UNITS--- GAMMA SPECTRUM NEGLIGIBLE		NA	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 90625 93 M ON- 10 25 70 1315 SIZE- 8.07 M3 OFF- 10 27 70 1005 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.1E00ML / M3 3H* 8.7E-01PCI/ML		1.8E00	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 90707 93 M ON- 10 27 70 1010 SIZE- 9.04 M3 OFF- 10 29 70 1225 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.0E-01ML/M3 3H* 1.8E00PCI/ML		3.8E-01	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 90708 93 M ON- 10 29 70 1245 SIZE- 8.62 M3 OFF- 10 31 70 1240 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.3E00ML / M3 3H* 1.6E00PCI/ML		2.1E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H	14C
			PCI/M3	PCI/M3
GRAND VALLEY COLO - DAVE BEASLEY RES 90805 93 M ON- 10 31 70 1305 SIZE- 8.10 M3 OFF- 11 02 70 1005			1.1E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.6E00ML / M3			
3H*	7.0E-01PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 90806 93 M ON- 11 02 70 1015 SIZE- 8.71 M3 OFF- 11 04 70 1040			6.9E-01	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.1E00ML / M3			
3H*	6.5E-01PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 93403 93 M ON- 11 30 70 1715 SIZE- 7.33 M3 OFF- 12 02 70 1000			8.8E-01	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.6E00ML / M3			
3H*	5.5E-01PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 93466 93 M ON- 12 02 70 1015 SIZE- 8.62 M3 OFF- 12 04 70 1010			1.4E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.3E00ML / M3			
3H*	1.1E00PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 93467 93 M ON- 12 04 70 1025 SIZE- 8.76 M3 OFF- 12 06 70 1105			1.3E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.4E00ML / M3			
3H*	9.0E-01PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 93568 93 M ON- 12 06 70 1120 SIZE- 8.37 M3 OFF- 12 08 70 0950			1.2E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.2E00ML / M3			
3H*	9.7E-01PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 93602 93 M ON- 12 08 70 1000 SIZE- 8.62 M3 OFF- 12 10 70 0955			2.8E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	2.1E00ML / M3			
3H*	1.3E00PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - DAVE BEASLEY RES 93658 93 M ON- 12 10 70 1010 SIZE- 8.86 M3 OFF- 12 12 70 1125 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.5E00ML / M3 3H* 8.6E-01PCI/ML			1.3E00	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 93726 93 M ON- 12 12 70 1130 SIZE- 8.31 M3 OFF- 12 14 70 0940 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.2E00ML / M3 3H* 1.5E00PCI/ML			1.7E00	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 93767 93 M ON- 12 14 70 0945 SIZE- 8.62 M3 OFF- 12 16 70 0940 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.7E00ML / M3 3H* 8.7E-01PCI/ML			1.5E00	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 93935 93 M ON- 12 16 70 0950 SIZE- 8.70 M3 OFF- 12 18 70 1010 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.1E00ML / M3 3H* 1.0E00PCI/ML			1.1E00	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 95339 93 M ON- 12 18 70 1015 SIZE- 9.70 M3 OFF- 12 20 70 1610 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.1E00ML / M3 3H* 4.7E-01PCI/ML			5.3E-01	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 96947 93 M ON- 02 01 71 1400 SIZE- 8.47 M3 OFF- 02 03 71 1305 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.6E00ML / M3 3H* 9.2E-01PCI/ML			1.5E00	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 98113 93 M ON- 02 03 71 1330 SIZE- 8.28 M3 OFF- 02 05 71 1130 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.0E00ML / M3 3H* 1.5E00PCI/ML			1.6E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - DAVE BEASLEY RES 98114 93 M ON- 02 05 71 1145 SIZE- 8.61 M3 OFF- 02 07 71 1135			2.2E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	6.3E-01ML/M3			
3H*	3.4E00PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 98205 93 M ON- 02 07 71 1150 SIZE- 8.50 M3 OFF- 02 09 71 1105			2.0E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.2E00ML / M3			
3H*	1.7E00PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 98257 93 M ON- 02 09 71 1115 SIZE- 8.47 M3 OFF- 02 11 71 1020			2.8E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.4E00ML / M3			
3H*	2.0E00PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 98320 93 M ON- 02 11 71 1050 SIZE- 8.67 M3 OFF- 02 13 71 1100			2.1E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.2E00ML / M3			
3H*	1.8E00PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 98321 93 M ON- 02 13 71 1105 SIZE- 8.68 M3 OFF- 02 15 71 1120			1.7E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.6E00ML / M3			
3H*	1.1E00PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 98404 93 M ON- 02 15 71 1127 SIZE- 8.35 M3 OFF- 02 17 71 0950			1.6E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.6E00ML / M3			
3H*	9.7E-01PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 98455 93 M ON- 02 17 71 1005 SIZE- 8.62 M3 OFF- 02 19 71 1000			1.8E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	2.9E00ML / M3			
3H*	6.2E-01PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - DAVE BEASLEY RES 98541 93 M ON- 02 19 71 1010 SIZE- 8.17 M3 OFF- 02 21 71 0735 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.5E00ML / M3 3H* 1.5E00PCI/ML			2.2E00	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 98571 93 M ON- 02 21 71 0750 SIZE- 8.56 M3 OFF- 02 23 71 0725 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 4.4E-01ML/M3 3H* 1.1E00PCI/ML			4.8E-01	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 98572 93 M ON- 02 23 71 0735 SIZE- 8.62 M3 OFF- 02 25 71 0730 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.1E00ML / M3 3H* 1.3E00PCI/ML			1.4E00	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 98627 93 M ON- 02 25 71 0735 SIZE- 9.87 M3 OFF- 02 27 71 1425 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 5.3E-01ML/M3 3H* 9.2E-01PCI/ML			4.9E-01	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 98720 93 M ON- 02 27 71 1430 SIZE- 8.38 M3 OFF- 03 01 71 1305 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 6.8E-01ML/M3 3H* 1.1E00PCI/ML			7.5E-01	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 98774 93 M ON- 03 01 71 1310 SIZE- 8.10 M3 OFF- 03 03 71 1015 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 5.0E-01ML/M3 3H* 1.8E00PCI/ML			9.1E-01	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 98874 93 M ON- 03 03 71 1020 SIZE- 8.16 M3 OFF- 03 05 71 0740 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.1E00ML / M3 3H* 1.1E00PCI/ML			1.2E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H	14C
			PCI/M3	PCI/M3
GRAND VALLEY COLO - DAVE BEASLEY RES			5.7E-01	NA
98875 93 M	ON- 03 05 71	0755		
SIZE- 8.50 M3	OFF- 03 07 71	0710		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	5.7E-01ML / M3			
3H*	1.0E00PCI / ML			
GRAND VALLEY COLO - DAVE BEASLEY RES			1.5E00	NA
99007 93 M	ON- 03 07 71	0715		
SIZE- 9.39 M3	OFF- 03 09 71	1125		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.1E00ML / M3			
3H*	1.4E00PCI / ML			
GRAND VALLEY COLO - DAVE BEASLEY RES			1.2E00	NA
99113 93 M	ON- 03 09 71	1130		
SIZE- 8.10 M3	OFF- 03 11 71	0830		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.1E00ML / M3			
3H*	1.1E00PCI / ML			
GRAND VALLEY COLO - DAVE BEASLEY RES			1.7E00	NA
99163 93 M	ON- 03 11 71	0835		
SIZE- 9.31 M3	OFF- 03 13 71	1220		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	2.3E00ML / M3			
3H*	7.2E-01PCI / ML			
GRAND VALLEY COLO - DAVE BEASLEY RES			8.4E-01	NA
99229 93 M	ON- 03 13 71	1230		
SIZE- 8.14 M3	OFF- 03 15 71	0945		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.0E00ML / M3			
3H*	8.0E-01PCI / ML			
GRAND VALLEY COLO - DAVE BEASLEY RES			1.3E00	NA
99287 93 M	ON- 03 15 71	0950		
SIZE- 8.70 M3	OFF- 03 17 71	1010		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.3E00ML / M3			
3H*	9.8E-01PCI / ML			
GRAND VALLEY COLO - DAVE BEASLEY RES			4.6E-01	NA
99367 93 M	ON- 03 17 71	1020		
SIZE- 8.89 M3	OFF- 03 19 71	1145		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	4.7E-01ML / M3			
3H*	9.8E-01PCI / ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H	14C
		PCI/M3	PCI/M3
GRAND VALLEY COLO - DAVE BEASLEY RES 99368 93 M ON- 03 19 71 1200 SIZE- 8.52 M3 OFF- 03 21 71 1120		LT3E-01	NA
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 4.2E-01ML/M3 3H* LT7E-01PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 99470 93 M ON- 03 21 71 1125 SIZE- 8.44 M3 OFF- 03 23 71 1020	5.7E-01	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 9.0E-01ML/M3 3H* 6.4E-01PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 99550 93 M ON- 03 23 71 1025 SIZE- 8.80 M3 OFF- 03 25 71 1120	1.7E00	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.7E00ML / M3 3H* 1.0E00PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 99616 93 M ON- 03 25 71 1120 SIZE- 8.49 M3 OFF- 03 27 71 1030	1.5E00	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.3E00ML / M3 3H* 1.1E00PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 99656 93 M ON- 03 27 71 1035 SIZE- 8.71 M3 OFF- 03 29 71 1100	1.1E00	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 8.1E-01ML/M3 3H* 1.3E00PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 99689 93 M ON- 03 29 71 1105 SIZE- 8.80 M3 OFF- 03 31 71 1200	1.5E00	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 7.9E-01ML/M3 3H* 1.9E00PCI/ML			
GRAND VALLEY COLO - DAVE BEASLEY RES 99775 93 M ON- 03 31 71 1205 SIZE- 8.55 M3 OFF- 04 02 71 1135	1.1E00	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 5.6E-01ML/M3 3H* 2.0E00PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - DAVE BEASLEY RES 99776 93 M ON- 04 02 71 1140 SIZE- 8.65 M3 OFF- 04 04 71 1145			6.6E-01	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 4.1E-01ML/M3				
3H* 1.6E00PCI/ML				
GRAND VALLEY COLO - DAVE BEASLEY RES 99880 93 M ON- 04 04 71 1155 SIZE- 8.49 M3 OFF- 04 06 71 1025			8.5E-01	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 4.5E-01ML/M3				
3H* 1.9E00PCI/ML				
GRAND VALLEY COLO - DAVE BEASLEY RES 99997 93 M ON- 04 06 71 1030 SIZE- 8.59 M3 OFF- 04 08 71 1015			1.1E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 6.6E-01ML/M3				
3H* 1.6E00PCI/ML				
GRAND VALLEY COLO - DAVE BEASLEY RES 100075 93 M ON- 04 08 71 1020 SIZE- 8.71 M3 OFF- 04 10 71 1045			7.3E-01	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 6.1E-01ML/M3				
3H* 1.2E00PCI/ML				
GRAND VALLEY COLO - DAVE BEASLEY RES 100237 93 M ON- 04 10 71 1050 SIZE- 8.44 M3 OFF- 04 12 71 0945			8.7E-01	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 4.4E-01ML/M3				
3H* 2.0E00PCI/ML				
GRAND VALLEY COLO - DAVE BEASLEY RES 100324 93 M ON- 04 12 71 0950 SIZE- 8.88 M3 OFF- 04 14 71 1110			9.0E-01	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 6.4E-01ML/M3				
3H* 1.4E00PCI/ML				
GRAND VALLEY COLO - DAVE BEASLEY RES 100442 93 M ON- 04 14 71 1115 SIZE- 8.50 M3 OFF- 04 16 71 1030			1.0E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 7.5E-01ML/M3				
3H* 1.4E00PCI/ML				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - DAVE BEASLEY RES 100443 93 M ON- 04 16 71 1035 SIZE- 8.70 M3 OFF- 04 18 71 1055 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.0E00ML / M3 3H* 1.4E00PCI / ML			1.4E00	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 100566 93 M ON- 04 18 71 1100 SIZE- 9.04 M3 OFF- 04 20 71 1315 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 3.5E-01ML / M3 3H* 1.5E00PCI / ML			5.3E-01	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 100640 93 M ON- 04 20 71 1325 SIZE- 8.01 M3 OFF- 04 22 71 0955 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 7.4E-01ML / M3 3H* 1.7E00PCI / ML			1.2E00	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 100778 93 M ON- 04 22 71 1006 SIZE- 8.55 M3 OFF- 04 24 71 0935 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.1E00ML / M3 3H* 1.5E00PCI / ML			1.6E00	NA
GRAND VALLEY COLO - DAVE BEASLEY RES 100779 93 M ON- 04 24 71 0950 SIZE- 8.85 M3 OFF- 04 26 71 1100 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 9.0E-01ML / M3 3H* 1.2E00PCI / ML			1.1E00	NA
GRAND VALLEY COLO - SPEC STA NO 1 93445 93 M ON- 12 06 70 0810 SIZE- 6.69 M3 OFF- 12 06 70 0947 -ANALYSIS---RESULT---2SIGMA---UNITS--- ALT 5400FT H2O 2.4E00ML / M3 3H* 1.9E00PCI / ML			4.6E00	NA
GRAND VALLEY COLO - SPEC STA NO 1 99394 93 M ON- 03 19 71 0836 SIZE- 7.28 M3 OFF- 03 19 71 1036 -ANALYSIS---RESULT---2SIGMA---UNITS--- ALT 5600FT H2O 1.7E00ML / M3 3H* 1.5E00PCI / ML			2.6E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - SPEC STA NO 3 93446 93 M ON- 12 06 70 0800 SIZE- 5.49 M3 OFF- 12 06 70 0940			1.5E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 5600FT H2O 6.2E-01ML /M3 3H* 2.4E00PCI/ML				
GRAND VALLEY COLO - SPEC STA NO 5 93447 93 M ON- 12 06 70 0802 SIZE- 3.46 M3 OFF- 12 06 70 0955			5.7E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 5700FT H2O 2.5E00ML / M3 3H* 2.3E00PCI/ML				
GRAND VALLEY COLO - SPEC STA NO 5 99395 93 M ON- 03 19 71 0814 SIZE- 6.88 M3 OFF- 03 19 71 1014			3.4E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 5700FT H2O 1.5E00ML / M3 3H* 2.3E00PCI/ML				
GRAND VALLEY COLO - SPEC STA NO 7 93470 93 M ON- 12 06 70 0824 SIZE- 5.92 M3 OFF- 12 06 70 0952			4.6E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 5600FT H2O 2.5E00ML / M3 3H* 1.8E00PCI/ML				
GRAND VALLEY COLO - WALLACE CREEK 93471 93 M ON- 12 06 70 0905 SIZE- 3.34 M3 OFF- 12 06 70 1005			5.4E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 3.0E00ML / M3 3H* 1.8E00PCI/ML				
GRAND VALLEY COLO - SPEC STA NO 8 99397 93 M ON- 03 19 71 0748 SIZE- 5.56 M3 OFF- 03 19 71 0948			1.8E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 6500FT H2O 1.6E00ML / M3 3H* 1.1E00PCI/ML				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - SPEC STA NO 11 93442 93 M ON- 12 03 70 1940 SIZE- 7.58 M3 OFF- 12 03 70 2140			1.7E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 6300FT H2O 2.6E00ML / M3 3H* 6.6E-01PCI/ML				
GRAND VALLEY COLO - SPEC STA NO 11 93451 93 M ON- 12 05 70 0645 SIZE- 8.51 M3 OFF- 12 05 70 0845			9.7E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 6300FT H2O 2.7E00ML / M3 3H* 3.6E00PCI/ML				
GRAND VALLEY COLO - SPEC STA NO 11 93454 93 M ON- 12 06 70 0745 SIZE- 9.90 M3 OFF- 12 06 70 0945			4.2E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 6300FT H2O 2.6E00ML / M3 3H* 1.6E00PCI/ML				
GRAND VALLEY COLO - SPEC STA NO 11 93552 93 M ON- 12 07 70 0706 SIZE- 4.73 M3 OFF- 12 07 70 0906			5.0E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 1.8E00ML / M3 3H* 2.8E00PCI/ML				
GRAND VALLEY COLO - SPEC STA NO 11 93661 93 M ON- 12 12 70 0610 SIZE- 5.85 M3 OFF- 12 12 70 0810			2.9E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 6000FT H2O 1.9E00ML / M3 3H* 1.6E00PCI/ML				
GRAND VALLEY COLO - SPEC STA NO 11 98199 93 M ON- 02 08 71 2050 SIZE- 4.07 M3 OFF- 02 08 71 2240			5.9E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 6800FT H2O 1.9E00ML M3 ALT 6800FT H2O 1.9E00ML / M3 3H* 3.1E00PCI/ML				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - SPEC STA NO 11			2.7E00	NA
98248 93 M ON- 02 10 71 2220				
SIZE- 6.27 M3 OFF- 02 11 71 0020				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT 6000FT				
H2O 2.3E00ML / M3				
3H* 1.2E00PCI/ML				
GRAND VALLEY COLO - SPEC STA NO 11			1.5E00	NA
98316 93 M ON- 02 12 71 0425				
SIZE- 8.20 M3 OFF- 02 12 71 0625				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT 6200FT				
H2O 1.6E00ML / M3				
3H* 9.2E-01PCI/ML				
GRAND VALLEY COLO - SPEC STA NO 11			2.2E00	NA
98620 93 M ON- 02 27 71 0625				
SIZE- 3.82 M3 OFF- 02 27 71 0825				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT 6200FT				
H2O 1.0E00ML / M3				
3H* 2.2E00PCI/ML				
GRAND VALLEY COLO - SPEC STA NO 11			3.9E00	NA
99169 93 M ON- 03 13 71 0510				
SIZE- 4.87 M3 OFF- 03 13 71 0710				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT 6000FT				
H2O 3.2E00ML / M3				
3H* 1.2E00PCI/ML				
GRAND VALLEY COLO - SPEC STA NO 12			LT2E00	NA
89704 93 M ON- 10 05 70 0310				
SIZE- 11.4 M3 OFF- 10 05 70 0630				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 4.6E00ML / M3				
3H* LT4E-01PCI/ML				
GRAND VALLEY COLO - SPEC STA NO 12			NA	NA
89781 93 PF M ON- 10 05 70 0310				
SIZE- 11.4 M3 OFF- 10 05 70 0630				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - CONTROL POINT PAD 89700 93 M ON- 10 05 70 0737 SIZE- 7.98 M3 OFF- 10 05 70 0950	75/05/29	4.6E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 5.9E00ML / M3 3H* 7.8E-01PCI/ML			
GRAND VALLEY COLO - CONTROL POINT PAD 89706 93 M ON- 10 05 70 0200 SIZE- 8.88 M3 OFF- 10 05 70 0500	7.0E00	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 5.8E00ML / M3 3H* 1.2E00PCI/ML			
GRAND VALLEY COLO - CONTROL POINT PAD 89723 93 M ON- 10 05 70 0505 SIZE- 4.37 M3 OFF- 10 05 70 0635	1.0E01	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS---			
ALT 6800FT H2O 5.8E00ML / M3 3H* 1.8E00PCI/ML			
GRAND VALLEY COLO - CONTROL POINT PAD 89773 93 PF M ON- 10 05 70 0505 SIZE- 4.37 M3 OFF- 10 05 70 0635	NA	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS---			
GAMMA SPECTRUM NEGLIGIBLE			
GRAND VALLEY COLO - CONTROL POINT PAD 89774 93 PF M ON- 10 05 70 0200 SIZE- 8.88 M3 OFF- 10 05 70 0500	NA	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS---			
GAMMA SPECTRUM NEGLIGIBLE			
GRAND VALLEY COLO - CONTROL POINT PAD 89776 93 PF M ON- 10 05 70 0737 SIZE- 7.98 M3 OFF- 10 05 70 0950	NA	NA	
-ANALYSIS---RESULT---2SIGMA---UNITS---			
GAMMA SPECTRUM NEGLIGIBLE			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H	14C
			PCI/M3	PCI/M3
GRAND VALLEY COLO - CONTROL POINT PAD 90620 93 M ON- 10 28 70 0615 SIZE- 7.85 M3 OFF- 10 28 70 0815			2.9E01	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 6800FT				
H2O 1.6E00ML / M3				
3H* 1.9E01PCI/ML				
GRAND VALLEY COLO - CONTROL POINT PAD 93397 93 M ON- 12 01 70 1910 SIZE- 7.17 M3 OFF- 12 01 70 2110		2.0E00	NA	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 2.6E00ML / M3				
3H* 7.6E-01PCI/ML				
GRAND VALLEY COLO - CONTROL POINT PAD 93443 93 M ON- 12 03 70 1925 SIZE- 5.18 M3 OFF- 12 03 70 2125		2.2E00	NA	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 6800FT				
H2O 2.2E00ML / M3				
3H* 9.6E-01PCI/ML				
GRAND VALLEY COLO - CONTROL POINT PAD 93455 93 M ON- 12 05 70 0700 SIZE- 5.81 M3 OFF- 12 05 70 0900		2.2E01	NA	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 6800FT				
H2O 2.0E00ML / M3				
3H* 1.1E01PCI/ML				
GRAND VALLEY COLO - CONTROL POINT PAD 93450 93 M ON- 12 06 70 0735 SIZE- 7.54 M3 OFF- 12 06 70 0935		3.6E01	NA	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 6800FT				
H2O 2.0E00ML / M3				
3H* 1.8E01PCI/ML				
GRAND VALLEY COLO - CONTROL POINT PAD 93550 93 M ON- 12 07 70 0720 SIZE- 11.2 M3 OFF- 12 07 70 0920		8.9E00	NA	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 6800FT				
H2O 1.1E00ML / M3				
3H* 8.1E00PCI/ML				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - CONTROL POINT PAD 93660 93 M ON- 12 12 70 0625 SIZE- 7.06 M3 OFF- 12 12 70 0825 -ANALYSIS---RESULT----2SIGMA---UNITS---	7.8E00	NA	
ALT 6800FT H2O 1.6E00ML / M3 3H* 5.0E00PCI/ML			
GRAND VALLEY COLO - CONTROL POINT PAD 96891 93 M ON- 01 31 71 1315 SIZE- 3.35 M3 OFF- 01 31 71 1515 -ANALYSIS---RESULT----2SIGMA---UNITS---	5.2E00	NA	
ALT 6800FT H2O 3.9E00ML / M3 3H* 1.3E00PCI/ML			
GRAND VALLEY COLO - CONTROL POINT PAD 96894 93 M ON- 02 01 71 1155 SIZE- 5.44 M3 OFF- 02 01 71 1355 -ANALYSIS---RESULT----2SIGMA---UNITS---	1.9E00	NA	
ALT 6800FT H2O 4.1E00ML / M3 3H* 4.5E-01PCI/ML			
GRAND VALLEY COLO - CONTROL POINT PAD 98197 93 M ON- 02 08 71 2105 SIZE- 8.48 M3 OFF- 02 08 71 2305 -ANALYSIS---RESULT----2SIGMA---UNITS---	8.6E00	NA	
ALT 6800FT H2O 1.6E00ML / M3 3H* 5.3E00PCI/ML			
GRAND VALLEY COLO - CONTROL POINT PAD 98249 93 M ON- 02 10 71 2215 SIZE- 7.66 M3 OFF- 02 11 71 0015 -ANALYSIS---RESULT----2SIGMA---UNITS---	1.0E00	NA	
ALT 6800FT H2O 2.4E00ML / M3 3H* 4.1E-01PCI/ML			
GRAND VALLEY COLO - CONTROL POINT PAD 98317 93 M ON- 02 12 71 0415 SIZE- 2.78 M3 OFF- 02 12 71 0600 -ANALYSIS---RESULT----2SIGMA---UNITS---	1.9E01	NA	
ALT 6800FT H2O 1.6E00ML / M3 3H* 1.2E01PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
GRAND VALLEY COLO - CONTROL POINT PAD 98621 93 M ON- 02 27 71 0610 SIZE- 4.99 M3 OFF- 02 27 71 0810			2.4E01	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 6800FT				
H2O 7.5E00ML / M3				
3H* 3.2E01PCI/ML				
GRAND VALLEY COLO - CONTROL POINT PAD 99170 93 M ON- 03 13 71 0500 SIZE- 7.59 M3 OFF- 03 13 71 0700			4.2E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 6800FT				
H2O 2.3E00ML / M3				
3H* 1.8E00PCI/ML				
GRAND VALLEY COLO - CONTROL POINT PAD 99399 93 M ON- 03 19 71 0712 SIZE- 8.67 M3 OFF- 03 19 71 0912			1.6E01	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 6800FT				
H2O 1.3E00ML / M3				
3H* 1.3E01PCI/ML				
RIFLE COLO A+W PARKING LOT 89848 93 M ON- 10 05 70 1540 SIZE- 4.83 M3 OFF- 10 05 70 1730			6.3E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 6.7E00ML / M3				
3H* 9.5E-01PCI/ML				
RIFLE COLO AIRPORT 89849 93 M ON- 10 05 70 1616 SIZE- 5.60 M3 OFF- 10 05 70 1746			3.1E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 5.4E00ML / M3				
3H* 5.8E-01PCI/ML				
RIFLE COLO A+W PARKING LOT 89860 93 PF M ON- 10 05 70 1540 SIZE- 4.83 M3 OFF- 10 05 70 1730			NA	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
RIFLE COLO AIRPORT			NA	NA
89861 93 PF M	ON-	10 05 70 1616		
SIZE- 5.60 M3	OFF-	10 05 70 1746		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
RIFLE COLO RIFLE AIRPORT			3.7E00	NA
93544 93 M	ON-	12 07 70 1350		
SIZE- 3.76 M3	OFF-	12 07 70 1520		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT 5500FT				
H2O 1.9E00ML / M3				
3H* 1.9E00PCI/ML				
RIFLE COLO			2.2E00	NA
93545 93 M	ON-	12 07 70 1345		
SIZE- 5.84 M3	OFF-	12 07 70 1515		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
3H* 1.0E00PCI/ML				
ALT 5300FT				
H2O 2.2E00ML / M3				
RIFLE COLO 3MIS OF AIRPORT W MAMM RD			3.8E00	NA
93547 93 M	ON-	12 07 70 1400		
SIZE- 4.41 M3	OFF-	12 07 70 1530		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT 6000FT				
H2O 2.7E00ML / M3				
3H* 1.4E00PCI/ML				
RIFLE COLO 1.2MI E OF RIFLE JCT 13+6			2.9E00	NA
93566 93 M	ON-	12 08 70 0930		
SIZE- 5.55 M3	OFF-	12 08 70 1130		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 3.9E00ML / M3				
3H* 7.3E-01PCI/ML				
RIFLE COLO - ALEX C UROQUHART DAIRY			7.1E00	NA
89717 93 M	ON-	10 03 70 1115		
SIZE- 8.42 M3	OFF-	10 05 70 1002		
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 5.6E00ML / M3				
3H* 1.3E00PCI/ML				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H	14C
			PCI/M3	PCI/M3
RIFLE COLO - ALEX C URQUHART DAIRY			NA	NA
89769 93 PF M	ON-	10 03 70 1115		
SIZE- 8.42 M3	OFF-	10 05 70 1002		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
RIFLE COLO - ALEX C URQUHART DAIRY			3.6E00	NA
89896 93 M	ON-	10 05 70 1025		
SIZE- 8.82 M3	OFF-	10 07 70 1125		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	6.2E00ML / M3			
3H*	5.8E-01PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY			NA	NA
89903 93 PF M	ON-	10 05 70 1025		
SIZE- 8.97 M3	OFF-	10 07 70 1125		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
RIFLE COLO - ALEX C URQUHART DAIRY			3.5E00	NA
89932 93 M	ON-	10 07 70 1150		
SIZE- 3.82 M3	OFF-	10 08 70 0905		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	3.0E00ML / M3			
3H*	1.2E00PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY			NA	NA
89959 93 PF M	ON-	10 07 70 1150		
SIZE- 3.82 M3	OFF-	10 08 70 0905		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
RIFLE COLO - ALEX C URQUHART DAIRY			1.2E00	NA
90627 93 M	ON-	10 25 70 1115		
SIZE- 8.59 M3	OFF-	10 27 70 1100		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	2.3E00ML / M3			
3H*	5.4E-01PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY			2.6E00	NA
90715 93 M	ON-	10 27 70 1140		
SIZE- 8.31 M3	OFF-	10 29 70 0950		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.9E00ML / M3			
3H*	1.4E00PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
RIFLE COLO - ALEX C URQUHART DAIRY 90716 93 M ON- 10 29 70 1005 SIZE- 8.55 M3 OFF- 10 31 70 0935			2.2E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	2.7E00ML / M3			
3H*	8.4E-01PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY 90809 93 M ON- 10 31 70 1000 SIZE- 8.53 M3 OFF- 11 02 70 0925			1.8E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	2.6E00ML / M3			
3H*	7.0E-01PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY 90810 93 M ON- 11 02 70 0940 SIZE- 8.58 M3 OFF- 11 04 70 0920			7.7E-01	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	1.7E00ML / M3			
3H*	4.6E-01PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY 93460 93 M ON- 12 01 70 0935 SIZE- 8.68 M3 OFF- 12 03 70 0950			LT1E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	3.5E00ML / M3			
3H*	LT4E-01PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY 93461 93 M ON- 12 03 70 1005 SIZE- 8.67 M3 OFF- 12 05 70 1015			1.3E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	3.0E00ML / M3			
3H*	4.3E-01PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY 93541 93 M ON- 12 05 70 1025 SIZE- 8.47 M3 OFF- 12 07 70 0930			4.1E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	3.2E00ML / M3			
3H*	1.3E00PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY 93606 93 M ON- 12 07 70 0945 SIZE- 8.70 M3 OFF- 12 09 70 1005			2.3E00	NA
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O	3.3E00ML / M3			
3H*	7.0E-01PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
RIFLE COLO - ALEX C URQUHART DAIRY 93655 93 M ON- 12 09 70 1020 SIZE- 12.7 M3 OFF- 12 12 70 0900 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 3.3E00ML / M3 3H* LT4E-01PCI/ML	75/05/29	LT1E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 93722 93 M ON- 12 12 70 0910 SIZE- 8.64 M3 OFF- 12 14 70 0910 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.1E00ML / M3 3H* 1.2E00PCI/ML		2.6E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 93766 93 M ON- 12 14 70 0915 SIZE- 8.61 M3 OFF- 12 16 70 0905 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.4E00ML / M3 3H* 1.0E00PCI/ML		2.4E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 93939 93 M ON- 12 16 70 0915 SIZE- 8.68 M3 OFF- 12 18 70 0930 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.8E00ML / M3 3H* 1.2E00PCI/ML		3.5E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 95338 93 M ON- 12 18 70 0940 SIZE- 9.87 M3 OFF- 12 20 70 1630 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.4E00ML / M3 3H* 4.8E-01PCI/ML		1.2E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 96949 93 M ON- 02 01 71 0950 SIZE- 9.13 M3 OFF- 02 03 71 1235 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 3.9E00ML / M3 3H* 5.9E-01PCI/ML		2.3E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 98111 93 M ON- 02 03 71 1240 SIZE- 8.10 M3 OFF- 02 05 71 0940 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.4E00ML / M3 3H* 1.1E00PCI/ML		2.6E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
RIFLE COLO - ALEX C URQUHART DAIRY 98112 93 M ON- 02 05 71 0945 SIZE- 8.73 M3 OFF- 02 07 71 1015 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.6E00ML / M3 3H# 1.8E00PCI/ML	75/05/29	2.8E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 98201 93 M ON- 02 07 71 1025 SIZE- 8.61 M3 OFF- 02 09 71 1015 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.9E00ML / M3 3H# 1.4E00PCI/ML		2.7E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 98254 93 M ON- 02 09 71 1020 SIZE- 8.77 M3 OFF- 02 11 71 1105 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.4E00ML / M3 3H# 1.4E00PCI/ML		3.5E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 98324 93 M ON- 02 11 71 1110 SIZE- 8.47 M3 OFF- 02 13 71 1015 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.8E00ML / M3 3H# 8.0E-01PCI/ML		2.2E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 98325 93 M ON- 02 13 71 1025 SIZE- 8.61 M3 OFF- 02 15 71 1015 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 3.3E00ML / M3 3H# 1.2E00PCI/ML		4.0E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 98409 93 M ON- 02 15 71 1025 SIZE- 8.41 M3 OFF- 02 17 71 0910 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 3.3E00ML / M3 3H# 9.6E-01PCI/ML		3.2E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 98452 93 M ON- 02 17 71 0915 SIZE- 8.65 M3 OFF- 02 19 71 0920 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 4.0E00ML / M3 3H# 5.4E-01PCI/ML		2.2E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
RIFLE COLO - ALEX C URQUHART DAIRY 98543 93 M ON- 02 19 71 0935 SIZE- 8.40 M3 OFF- 02 21 71 0815			3.0E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	3.2E00ML / M3			
3H*	9.6E-01PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY. 98573 93 M ON- 02 21 71 0825 SIZE- 8.56 M3 OFF- 02 23 71 0800			1.8E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.2E00ML / M3			
3H*	1.5E00PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY 98574 93 M ON- 02 23 71 0807 SIZE- 8.64 M3 OFF- 02 25 71 0806			2.4E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.8E00ML / M3			
3H*	1.3E00PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY 98624 93 M ON- 02 25 71 0820 SIZE- 9.04 M3 OFF- 02 27 71 1035			1.5E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.6E00ML / M3			
3H*	9.7E-01PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY 98721 93 M ON- 02 27 71 1040 SIZE- 8.16 M3 OFF- 03 01 71 0800			1.4E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.3E00ML / M3			
3H*	1.1E00PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY 98775 93 M ON- 03 01 71 0810 SIZE- 8.68 M3 OFF- 03 03 71 0825			1.7E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.1E00ML / M3			
3H*	1.5E00PCI/ML			
RIFLE COLO - ALEX C URQUHART DAIRY 98882 93 M ON- 03 03 71 0830 SIZE- 8.70 M3 OFF- 03 05 71 0850			3.8E00	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	2.1E00ML / M3			
3H*	1.8E00PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
RIFLE COLO - ALEX C URQUHART DAIRY 98884 93 M ON- 03 05 71 0900 SIZE- 8.39 M3 OFF- 03 07 71 0737 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.6E00ML / M3 3H# 1.4E00PCI/ML			2.3E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 99006 93 M ON- 03 07 71 0743 SIZE- 9.22 M3 OFF- 03 09 71 1055 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.8E00ML / M3 3H# 1.0E00PCI/ML			1.8E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 99114 93 M ON- 03 09 71 1100 SIZE- 8.10 M3 OFF- 03 11 71 0800 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.2E00ML / M3 3H# 8.6E-01PCI/ML			1.8E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 99165 93 M ON- 03 11 71 0805 SIZE- 8.86 M3 OFF- 03 13 71 0920 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 3.1E00ML / M3 3H# 9.4E-01PCI/ML			2.9E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 99225 93 M ON- 03 13 71 0925 SIZE- 8.50 M3 OFF- 03 15 71 0840 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 2.9E00ML / M3 3H# 8.6E-01PCI/ML			2.5E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 99291 93 M ON- 03 15 71 0845 SIZE- 8.79 M3 OFF- 03 17 71 0935 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 3.0E00ML / M3 3H# 1.0E00PCI/ML			3.0E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 99363 93 M ON- 03 17 71 0945 SIZE- 8.70 M3 OFF- 03 19 71 1005 -ANALYSIS---RESULT---2SIGMA---UNITS--- H2O 1.7E00ML / M3 3H# 1.0E00PCI/ML			1.8E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
RIFLE COLO - ALEX C URQUHART DAIRY 99364 93 M ON- 03 19 71 1045 SIZE- 8.53 M3 OFF- 03 21 71 1010 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.0E00ML / M3 3H* 9.3E-01PCI/ML	75/05/29	9.8E-01	NA
RIFLE COLO - ALEX C URQUHART DAIRY 99471 93 M ON- 03 21 71 1015 SIZE- 8.32 M3 OFF- 03 23 71 0830 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 2.9E00ML / M3 3H* 8.8E-01PCI/ML		2.6E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 99548 93 M ON- 03 23 71 0840 SIZE- 8.70 M3 OFF- 03 25 71 0900 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 5.0E00ML / M3 3H* 7.8E-01PCI/ML		3.9E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 99617 93 M ON- 03 25 71 0905 SIZE- 8.77 M3 OFF- 03 27 71 0950 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 4.3E00ML / M3 3H* 1.0E00PCI/ML		4.3E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 99657 93 M ON- 03 27 71 1000 SIZE- 8.73 M3 OFF- 03 29 71 1030 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 3.2E00ML / M3 3H* 8.2E-01PCI/ML		2.6E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 99690 93 M ON- 03 29 71 1035 SIZE- 8.35 M3 OFF- 03 31 71 0900 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.0E00ML / M3 3H* 1.6E00PCI/ML		1.6E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 99777 93 M ON- 03 31 71 0910 SIZE- 8.68 M3 OFF- 04 02 71 0925 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 9.5E-01ML/M3 3H* 2.2E00PCI/ML		2.1E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
RIFLE COLO - ALEX C URQUHART DAIRY 99778 93 M ON- 04 02 71 0930 SIZE- 8.55 M3 OFF- 04 04 71 0900 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 7.4E-01ML/M3 3H* 1.9E00PCI/ML	75/05/29	1.4E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 99881 93 M ON- 04 04 71 0910 SIZE- 8.77 M3 OFF- 04 06 71 0955 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 8.7E-01ML/M3 3H* 1.9E00PCI/ML		1.6E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 99998 93 M ON- 04 06 71 1000 SIZE- 8.59 M3 OFF- 04 08 71 0945 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 6.1E-01ML/M3 3H* 1.5E00PCI/ML		9.2E-01	NA
RIFLE COLO - ALEX C URQUHART DAIRY 100076 93 M ON- 04 08 71 0945 SIZE- 8.69 M3 OFF- 04 10 71 1000 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 6.0E-01ML/M3 3H* 1.5E00PCI/ML		9.0E-01	NA
RIFLE COLO - ALEX C URQUHART DAIRY 100238 93 M ON- 04 10 71 1000 SIZE- 8.52 M3 OFF- 04 12 71 0920 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 4.3E-01ML/M3 3H* 1.6E00PCI/ML		7.1E-01	NA
RIFLE COLO - ALEX C URQUHART DAIRY 100325 93 M ON- 04 12 71 0925 SIZE- 9.10 M3 OFF- 04 14 71 1200 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 6.3E-01ML/M3 3H* 1.6E00PCI/ML		1.0E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 100444 93 M ON- 04 14 71 1200 SIZE- 8.28 M3 OFF- 04 16 71 1000 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 9.6E-01ML/M3 3H* 1.3E00PCI/ML		1.2E00	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
RIFLE COLO - ALEX C URQUHART DAIRY 100445 93 M ON- 04 16 71 1010 SIZE- 8.70 M3 OFF- 04 18 71 1030 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 8.3E-01ML/M3 3H* 1.7E00PCI/ML	75/05/29	1.4E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 100567 93 M ON- 04 18 71 1035 SIZE- 9.00 M3 OFF- 04 20 71 1235 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 9.4E-01ML/M3 3H* 1.6E00PCI/ML		1.5E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 100641 93 M ON- 04 20 71 1245 SIZE- 7.98 M3 OFF- 04 22 71 0905 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.2E00ML / M3 3H* 1.5E00PCI/ML		1.8E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 100780 93 M ON- 04 22 71 0925 SIZE- 8.53 M3 OFF- 04 24 71 0850 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 1.1E00ML / M3 3H* 1.3E00PCI/ML		1.4E00	NA
RIFLE COLO - ALEX C URQUHART DAIRY 100781 93 M ON- 04 24 71 0902 SIZE- 8.78 M3 OFF- 04 26 71 0950 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 9.2E-01ML/M3 3H* 1.4E00PCI/ML		1.3E00	NA
RIFLE COLO - SPEC STA NO 25 89843 93 M ON- 10 05 70 1550 SIZE- 5.83 M3 OFF- 10 05 70 1720 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 4.8E00ML / M3 3H* 6.1E-01PCI/ML		3.0E00	NA
RIFLE COLO - SPEC STA NO 25 89855 93 PF M ON- 10 05 70 1550 SIZE- 5.83 M3 OFF- 10 05 70 1720 -ANALYSIS---RESULT----2SIGMA---UNITS--- GAMMA SPECTRUM NEGLIGIBLE		NA	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
RULISON COLO - SPEC STA A-VII			2.2E02	NA
89705 93 M ON- 10 05 70 1452				
SIZE- 6.60 M3 OFF- 10 05 70 1553				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT 9360FT				
H2O 5.1E00ML / M3				
3H* 4.3E01PCI/ML				
RULISON COLO - SPEC STA A-VII			6.1E01	NA
89709 93 M ON- 10 05 70 0940				
SIZE- 5.89 M3 OFF- 10 05 70 1055				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 5.4E00ML / M3				
3H* 1.1E01PCI/ML				
RULISON COLO - SPEC STA A-VII			NA	NA
89786 93 PF M ON- 10 05 70 0940				
SIZE- 5.89 M3 OFF- 10 05 70 1005				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
RULISON COLO - SPEC STA A-VII			NA	NA
89787 93 PF M ON- 10 05 70 1452				
SIZE- 6.60 M3 OFF- 10 05 70 1553				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
RULISON COLO - SPEC STA A-IX			1.5E02	NA
89692 93 M ON- 10 05 70 1455				
SIZE- 4.25 M3 OFF- 10 05 70 1555				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 5.6E00ML / M3				
3H* 2.7E01PCI/ML				
RULISON COLO - SPEC STA A-IX			2.9E02	NA
89698 93 M ON- 10 05 70 0840				
SIZE- 9.02 M3 OFF- 10 05 70 1040				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 5.0E00ML / M3				
3H* 5.9E01PCI/ML				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
RULISON COLO - SPEC STA A-IX			NA	NA
89788 93 PF M	ON-	10 05 70 1455		
SIZE- 4.25 M3	OFF-	10 05 70 1555		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
RULISON COLO - SPEC STA A-IX			NA	NA
89793 93 PF M	ON-	10 05 70 0840		
SIZE- 9.02 M3	OFF-	10 05 70 1040		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
RULISON COLO - SPEC STA A-XI			4.5E01	NA
89703 93 M	ON-	10 05 70 0930		
SIZE- 6.54 M3	OFF-	10 05 70 1045		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT 9520FT				
H2O 5.3E00ML / M3				
3H* 8.4E00PCI/ML				
RULISON COLO - SPEC STA A-XI			1.7E01	NA
89708 93 M	ON-	10 05 70 1454		
SIZE- 3.65 M3	OFF-	10 05 70 1554		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 4.6E00ML / M3				
3H* 3.6E00PCI/ML				
RULISON COLO - SPEC STA A-XI			NA	NA
89784 93 PF M	ON-	10 05 70 0930		
SIZE- 6.54 M3	OFF-	10 05 70 1045		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
RULISON COLO - SPEC STA A-XI			NA	NA
89785 93 PF M	ON-	10 05 70 1454		
SIZE- 3.65 M3	OFF-	10 05 70 1554		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
RULISON COLO - SPEC STA B-I			5.0E01	NA
89695 93 M ON- 10 05 70 0900				
SIZE- 5.89 M3 OFF- 10 05 70 1107				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 5.1E00ML / M3				
3H* 9.8E00PCI/ML				
RULISON COLO - SPEC STA B-I			3.8E00	NA
89724 93 M ON- 10 05 70 1500				
SIZE- 1.51 M3 OFF- 10 05 70 1524				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT 9280FT				
H2O 5.0E00ML / M3				
3H* 7.5E-01PCI/ML				
RULISON COLO - SPEC STA B-I			NA	NA
89789 93 PF M ON- 10 05 70 0900				
SIZE- 5.89 M3 OFF- 10 05 70 1107				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
RULISON COLO - SPEC STA B-I			NA	NA
89791 93 PF M ON- 10 05 70 1500				
SIZE- 1.51 M3 OFF- 10 05 70 1524				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
RULISON COLO - SPEC STA C-V			6.6E00	NA
89725 93 M ON- 10 05 70 0730				
SIZE- 4.79 M3 OFF- 10 05 70 0930				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT 7240FT				
H2O 9.7E00ML / M3				
3H* 6.7E-01PCI/ML				
RULISON COLO - SPEC STA C-V			NA	NA
89778 93 PF M ON- 10 05 70 0730				
SIZE- 4.79 M3 OFF- 10 05 70 0930				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
RULISON COLO - SPEC STA C-VII			4.0E00	NA
89702 93 M	ON-	10 05 70 0734		
SIZE- 7.75 M3	OFF-	10 05 70 0940		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6880FT			
H2O	5.8E00ML / M3			
3H*	7.0E-01PCI/ML			
RULISON COLO - SPEC STA C-VII			NA	NA
89777 93 PF M	ON-	10 05 70 0734		
SIZE- 7.75 M3	OFF-	10 05 70 0940		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
RULISON COLO - SPEC STA C-X			5.1E00	NA
89728 93 M	ON-	10 05 70 0738		
SIZE- 9.51 M3	OFF-	10 05 70 1000		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	7000FT			
H2O	5.8E00ML / M3			
3H*	8.8E-01PCI/ML			
RULISON COLO - SPEC STA C-X			NA	NA
89775 93 PF M	ON-	10 05 70 0738		
SIZE- 9.51 M3	OFF-	10 05 70 1000		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
RULISON COLO - SPEC STA NO 13			2.2E00	NA
89707 93 M	ON-	10 05 70 0300		
SIZE- 24.3 M3	OFF-	10 05 70 0630		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	5.2E00ML / M3			
3H*	4.3E-01PCI/ML			
RULISON COLO - SPEC STA NO 13			NA	NA
89780 93 PF M	ON-	10 05 70 0300		
SIZE- 24.3 M3	OFF-	10 05 70 0630		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
RULISON COLO - SPEC STA NO 14 89722 93 M ON- 10 05 70 0240 SIZE- 8.93 M3 OFF- 10 05 70 0540 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 6.0E00ML / M3 3H* 1.1E00PCI / ML	75/05/29	6.6E00	NA
RULISON COLO - SPEC STA NO 14 89727 93 M ON- 10 05 70 0545 SIZE- 3.34 M3 OFF- 10 05 70 0630 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O 5.4E00ML / M3 3H* 1.6E00PCI / ML		8.7E00	NA
RULISON COLO - SPEC STA NO 14 89779 93 PF M ON- 10 05 70 0240 SIZE- 8.93 M3 OFF- 10 05 70 0540 -ANALYSIS---RESULT----2SIGMA---UNITS--- GAMMA SPECTRUM NEGLIGIBLE		NA	NA
RULISON COLO - SPEC STA NO 14 89783 93 PF M ON- 10 05 70 0545 SIZE- 3.34 M3 OFF- 10 05 70 0630 -ANALYSIS---RESULT----2SIGMA---UNITS--- GAMMA SPECTRUM NEGLIGIBLE		NA	NA
RULISON COLO - SPEC STA NO 14 99403 93 M ON- 03 19 71 0807 SIZE- 5.72 M3 OFF- 03 19 71 1007 -ANALYSIS---RESULT----2SIGMA---UNITS--- ALT 6000FT H2O 2.0E00ML / M3 3H* 1.6E00PCI / ML		3.2E00	NA
SILT COLO - DON JACKETT RANCH 89716 93 M ON- 10 03 70 0935 SIZE- 1 OFF- 10 05 70 0915 -ANALYSIS---RESULT----2SIGMA---UNITS--- H2O ISA 3H* ISA		ISA	NA

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
SILT COLO - DON JACKETT RANCH			NA	NA
89770 93 PF M	ON-	10 03 70 0935		
SIZE- 1	OFF-	10 05 70 0915		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
SILT COLO - DON JACKETT RANCH			NA	NA
89894 93 M	ON-	10 05 70 0925		
SIZE- 1	OFF-	10 07 70 0945		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	ISA			
SILT COLO - DON JACKETT RANCH			NA	NA
89901 93 PF M	ON-	10 05 70 0925		
SIZE- 1	OFF-	10 07 70 0945		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
SILT COLO - DON JACKETT RANCH			1.1E00	NA
90626 93 M	ON-	10 25 70 1030		
SIZE- 8.67 M3	OFF-	10 27 70 1040		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	2.5E00ML / M3			
3H*	4.5E-01PCI/ML			
SILT COLO - DON JACKETT RANCH			2.6E00	NA
90711 93 M	ON-	10 27 70 1020		
SIZE- 8.34 M3	OFF-	10 29 70 0840		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.5E00ML / M3			
3H*	1.7E00PCI/ML			
SILT COLO - DON JACKETT RANCH			2.1E00	NA
90712 93 M	ON-	10 29 70 0855		
SIZE- 8.58 M3	OFF-	10 31 70 0835		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	2.0E00ML / M3			
3H*	1.1E00PCI/ML			
SILT COLO - DON JACKETT RANCH			1.8E00	LT1.9E01
90815 93 M	ON-	10 31 70 0855		
SIZE- 8.52 M3	OFF-	11 02 70 0815		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
MOIS	2.2E00ML / M3			
3H*	8.6E-01PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
SILT COLO - DON JACKETT RANCH	75/05/29	1.5E00	NA
90816 93 M ON- 11 02 70 0830			
SIZE- 8.58 M3 OFF- 11 04 70 0810			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
MOIS 1.4E00ML / M3			
3H* 1.1E00PCI/ML			
SILT COLO - DON JACKETT RANCH	LT8E-01	NA	
93458 93 M ON- 12 01 70 0825			
SIZE- 8.71 M3 OFF- 12 03 70 0850			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
H2O 2.0E00ML / M3			
3H* LT4E-01PCI/ML			
SILT COLO - DON JACKETT RANCH	8.5E-01	NA	
93459 93 M ON- 12 03 70 0905			
SIZE- 8.56 M3 OFF- 12 05 70 0840			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
H2O 1.8E00ML / M3			
3H* 4.8E-01PCI/ML			
SILT COLO - DON JACKETT RANCH	2.2E00	NA	
93542 93 M ON- 12 05 70 0850			
SIZE- 8.61 M3 OFF- 12 07 70 0840			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
H2O 2.0E00ML / M3			
3H* 1.1E00PCI/ML			
SILT COLO - DON JACKETT RANCH	1.6E00	NA	
93605 93 M ON- 12 07 70 0845			
SIZE- 8.69 M3 OFF- 12 09 70 0900			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
H2O 2.3E00ML / M3			
3H* 7.2E-01PCI/ML			
SILT COLO - DON JACKETT RANCH	1.8E00	NA	
93604 93 M ON- 12 09 70 0917			
SIZE- 4.09 M3 OFF- 12 10 70 0800			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
H2O 2.7E00ML / M3			
3H* 6.7E-01PCI/ML			
SILT COLO - DON JACKETT RANCH	9.5E-01	NA	
96952 93 M ON- 02 01 71 0845			
SIZE- 9.19 M3 OFF- 02 03 71 1150			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
H2O 1.9E00ML / M3			
3H* 4.9E-01PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	3H PCI/M3	14C PCI/M3
SILT COLO - DON JACKETT RANCH	75/05/29		
98105 93 M ON- 02 03 71 1200		1.6E00	NA
SIZE- 8.07 M3 OFF- 02 05 71 0850			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 1.2E00ML / M3			
3H* 1.3E00PCI/ML			
SILT COLO - DON JACKETT RANCH		2.0E00	NA
98106 93 M ON- 02 05 71 0900			
SIZE- 8.73 M3 OFF- 02 07 71 0930			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 9.1E-01ML/M3			
3H* 2.2E00PCI/ML			
SILT COLO - DON JACKETT RANCH		2.5E00	NA
98204 93 M ON- 02 07 71 0945			
SIZE- 8.61 M3 OFF- 02 09 71 0935			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 1.4E00ML / M3			
3H* 1.8E00PCI/ML			
SILT COLO - DON JACKETT RANCH		2.8E00	NA
98253 93 M ON- 02 09 71 0940			
SIZE- 8.74 M3 OFF- 02 11 71 1015			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 1.5E00ML / M3			
3H* 1.8E00PCI/ML			
SILT COLO - DON JACKETT RANCH		1.4E00	NA
98330 93 M ON- 02 11 71 1025			
SIZE- 8.49 M3 OFF- 02 13 71 0935			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 1.9E00ML / M3			
3H* 7.2E-01PCI/ML			
SILT COLO - DON JACKETT RANCH		2.4E00	NA
98331 93 M ON- 02 13 71 0945			
SIZE- 8.64 M3 OFF- 02 15 71 0945			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 2.4E00ML / M3			
3H* 1.0E00PCI/ML			
SILT COLO - DON JACKETT RANCH		2.6E00	NA
98403 93 M ON- 02 15 71 0950			
SIZE- 8.41 M3 OFF- 02 17 71 0835			
-ANALYSIS---RESULT---2SIGMA---UNITS---			
H2O 2.1E00ML / M3			
3H* 1.2E00PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
SILT COLO - DON JACKETT RANCH			2.2E00	NA
98453 93 M ON- 02 17 71 0845				
SIZE- 8.59 M3 OFF- 02 19 71 0830				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 3.4E00ML / M3				
3H* 6.7E-01PCI/ML				
SILT COLO - DON JACKETT RANCH			2.0E00	NA
98542 93 M ON- 02 19 71 0845				
SIZE- 8.71 M3 OFF- 02 21 71 0910				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 2.5E00ML / M3				
3H* 8.0E-01PCI/ML				
SILT COLO - DON JACKETT RANCH			1.4E00	NA
98581 93 M ON- 02 21 71 0920				
SIZE- 8.55 M3 OFF- 02 23 71 0850				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 1.0E00ML / M3				
3H* 1.4E00PCI/ML				
SILT COLO - DON JACKETT RANCH			1.8E00	NA
98582 93 M ON- 02 23 71 0900				
SIZE- 8.79 M3 OFF- 02 25 71 0950				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 1.4E00ML / M3				
3H* 1.3E00PCI/ML				
SILT COLO - DON JACKETT RANCH			1.3E00	NA
98623 93 M ON- 02 25 71 1000				
SIZE- 8.58 M3 OFF- 02 27 71 0940				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 1.0E00ML / M3				
3H* 1.3E00PCI/ML				
SILT COLO - DON JACKETT RANCH			1.2E00	NA
98719 93 M ON- 02 27 71 0945				
SIZE- 8.20 M3 OFF- 03 01 71 0720				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 1.0E00ML / M3				
3H* 1.2E00PCI/ML				
SILT COLO - DON JACKETT RANCH			1.7E00	NA
98773 93 M ON- 03 01 71 0730				
SIZE- 8.70 M3 OFF- 03 03 71 0750				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O 9.4E-01ML/M3				
3H* 1.8E00PCI/ML				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
SILT COLO - DON JACKETT RANCH			2.6E00	NA
98876 93 M	ON- 03 03 71	0755		
SIZE- 8.97 M3	OFF- 03 05 71	0945		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.8E00ML / M3			
3H*	1.5E00PCI/ML			
SILT COLO - DON JACKETT RANCH			7.9E-01	NA
98877 93 M	ON- 03 05 71	0955		
SIZE- 8.35 M3	OFF- 03 07 71	0817		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	7.2E-01ML/M3			
3H*	1.1E00PCI/ML			
SILT COLO - DON JACKETT RANCH			1.9E00	NA
99003 93 M	ON- 03 07 71	0825		
SIZE- 8.97 M3	OFF- 03 09 71	1015		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	1.8E00ML / M3			
3H*	1.1E00PCI/ML			
SILT COLO - DON JACKETT RANCH			2.6E00	NA
99115 93 M	ON- 03 09 71	1020		
SIZE- 8.10 M3	OFF- 03 11 71	0720		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	2.2E00ML / M3			
3H*	1.2E00PCI/ML			
SILT COLO - DON JACKETT RANCH			2.9E00	NA
99167 93 M	ON- 03 11 71	0725		
SIZE- 8.88 M3	OFF- 03 13 71	0845		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	3.0E00ML / M3			
3H*	9.7E-01PCI/ML			
SILT COLO - DON JACKETT RANCH			2.1E00	NA
99226 93 M	ON- 03 13 71	0845		
SIZE- 8.52 M3	OFF- 03 15 71	0805		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	2.1E00ML / M3			
3H*	9.8E-01PCI/ML			
SILT COLO - DON JACKETT RANCH			8.4E-01	NA
99288 93 M	ON- 03 15 71	0810		
SIZE- 8.76 M3	OFF- 03 17 71	0850		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	8.4E-01ML/M3			
3H*	1.0E00PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1, 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
SILT COLO - DON JACKETT RANCH			6.6E-01	NA
99369 93 M ON- 03 17 71 0900				
SIZE- 8.70 M3 OFF- 03 19 71 0920				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 7.5E-01ML/M3				
3H* 8.8E-01PCI/ML				
SILT COLO - DON JACKETT RANCH			6.4E-01	NA
99370 93 M ON- 03 19 71 0930				
SIZE- 8.64 M3 OFF- 03 21 71 0930				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 5.2E-01ML/M3				
3H* 1.2E00PCI/ML				
SILT COLO - DON JACKETT RANCH			6.2E-01	NA
99475 93 M ON- 03 21 71 0935				
SIZE- 8.28 M3 OFF- 03 23 71 0735				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 1.1E00ML / M3				
3H* 5.5E-01PCI/ML				
SILT COLO - SPEC STA NO 27			3.9E00	NA
89844 93 M ON- 10 05 70 0940				
SIZE- 5.56 M3 OFF- 10 05 70 1140				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 5.8E00ML / M3				
3H* 6.7E-01PCI/ML				
SILT COLO - SPEC STA NO 27			NA	NA
89856 93 PF M ON- 10 05 70 0940				
SIZE- 5.56 M3 OFF- 10 05 70 1140				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
SILT COLO - SPEC STA NO 27			1.8E00	NA
90616 93 M ON- 10 27 70 1520				
SIZE- 5.03 M3 OFF- 10 27 70 1650				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
ALT 5700FT				
H2O 1.9E00ML / M3				
3H* 9.8E-01PCI/ML				
SILT COLO - SPEC STA NO 29			4.3E00	NA
89845 93 M ON- 10 05 70 1003				
SIZE- 6.80 M3 OFF- 10 05 70 1203				
-ANALYSIS---RESULT---2SIGMA---UNITS---				
H2O 5.5E00ML / M3				
3H* 7.8E-01PCI/ML				

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
SILT COLO - SPEC STA NO 29			NA	NA
89857 93 PF M	ON-	10 05 70 1003		
SIZE- 6.80 M3	OFF-	10 05 70 1203		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
SILT COLO - SPEC STA NO 29			1.8E00	NA
90617 93 M	ON-	10 27 70 1540		
SIZE- 5.50 M3	OFF-	10 27 70 1710		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6000FT			
H2O	1.9E00ML / M3			
3H*	9.3E-01PCI/ML			
SILT COLO - SPEC STA NO 31			4.1E00	NA
89846 93 M	ON-	10 05 70 1040		
SIZE- 6.96 M3	OFF-	10 05 70 1240		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	5.8E00ML / M3			
3H*	7.1E-01PCI/ML			
SILT COLO - SPEC STA NO 31			NA	NA
89858 93 PF M	ON-	10 05 70 1040		
SIZE- 6.96 M3	OFF-	10 05 70 1240		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
GAMMA				
SPECTRUM				
NEGLIGIBLE				
SILT COLO - SPEC STA NO 31			2.0E01	NA
90618 93 M	ON-	10 27 70 1530		
SIZE- 5.08 M3	OFF-	10 27 70 1700		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALT	6300FT			
H2O	2.7E00ML / M3			
3H*	7.3E00PCI/ML			
SILT COLO - SPEC STA NO 33			3.1E00	NA
89847 93 M	ON-	10 05 70 1111		
SIZE- 8.21 M3	OFF-	10 05 70 1311		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
H2O	5.6E00ML / M3			
3H*	5.5E-01PCI/ML			

ATMOSPHERIC 3H AND 14C SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/29	3H PCI/M3	14C PCI/M3
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SILT COLO - SPEC STA NO 33 NA NA

89859 93 PF M ON- 10 05 70 1111

SIZE- 8.21 M3 OFF- 10 05 70 1311

-ANALYSIS---RESULT---2SIGMA---UNITS---

GAMMA

SPECTRUM

NEGLIGIBLE

SILT COLO - SPEC STA NO 33 2.6E01 NA

90619 93 M ON- 10 27 70 1547

SIZE- 4.68 M3 OFF- 10 27 70 1717

-ANALYSIS---RESULT---2SIGMA---UNITS---

ALT 6500FT

H2O 2.9E00ML / M3

3H* 8.9E00PCI / ML

SILT COLO - SPEC STA NO 35 3.6E00 NA

99405 93 M ON- 03 19 71 1545

SIZE- 7.53 M3 OFF- 03 19 71 1745

-ANALYSIS---RESULT---2SIGMA---UNITS---

H2O 1.4E00ML / M3

3H* 2.7E00PCI / ML

NATIONAL DATA SHEET TEST RESULTS NUMBER - 1000000000000000		37AK PCI/L	39AK PCI/L	14C PCI/L	3H PCI/L	85KR PCI/L	222RN PCI/L	XE PCI/L
COLORADO:	REPORTED 75/05/28							
GRAND VALLEY COLO - TEST WELL 89710 94	DATE- 10 05 70 1515	7.4E02	1.1E03	2.7E02	6.2E04	1.7E05	1.2E01	LT5E00
SIZE- L								
GRAND VALLEY COLO - TEST WELL 89711 94 PF	DATE- 10 05 70 1515	NA	NA	NA	NA	NA	NA	NA
SIZE- 320 L								
-ANALYSIS---RESULT----2SIGMA---UNITS---								
203HG	1.1E-01							
GRAND VALLEY COLO - TEST WELL 89711 94	DATE- 10 05 70 0950	1.2E03	2.8E03	2.8E02	8.8E04	1.9E05	1.2E01	LT5E00
SIZE- L								
GRAND VALLEY COLO - TEST WELL 89741 94 PF	DATE- 10 05 70 0950	NA	NA	NA	NA	NA	NA	NA
SIZE- 320 L								
-ANALYSIS---RESULT----2SIGMA---UNITS---								
203HG	1.3E-01							
GRAND VALLEY COLO - TEST WELL 90614 94	DATE- 10 27 70 1700	NA	NA	NA	NA	1.2E05	1.39E05	NA
SIZE- L								
GRAND VALLEY COLO - TEST WELL 90615 94 PF	DATE- 10 27 70 1700	NA	NA	NA	NA	NA	NA	NA
SIZE- 1								
-ANALYSIS---RESULT----2SIGMA---UNITS---								
GAMMA								
SPECTRUM								
NEGIGIBLE								
ALPHA	LT2E00							
BETA	LT2E00							
GRAND VALLEY COLO - TEST WELL 90768 94	DATE- 10 28 70 1700	NA	NA	NA	NA	7.8E04	1.62E05	NA
SIZE- L								
GRAND VALLEY COLO - TEST WELL 90769 94 PF	DATE- 10 28 70 1700	NA	NA	NA	NA	NA	NA	NA
SIZE- 420 L								
-ANALYSIS---RESULT----2SIGMA---UNITS---								
203HG	0.5E-01							
GRAND VALLEY COLO - TEST WELL 90766 94	DATE- 10 29 70 1630	NA	NA	NA	NA	1.1E05	1.62E05	NA
SIZE- L								

... RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/28	37AR PCI/L	39AR PCI/L	14C PCI/L	3H PCI/L	85KR PCI/L	222RN PCI/L	XE PCI/L
GRAND VALLEY COLO - TEST WELL 90767 94 PF SIZE- 420 L	DATE- 10 29 70	1630	NA	NA	NA	NA	NA	NA	NA
-ANALYSIS---RESULT----2SIGMA---UNITS---									
203HG	0.3E-01								
GRAND VALLEY COLO - TEST WELL 90770 94	DATE- 10 30 70	1615	NA	NA	NA	5.1E04	1.46E05	NA	NA
SIZE- L									
GRAND VALLEY COLO - TEST WELL 90473 94	DATE- 12 02 70	1235	NA	NA	NA	1.5E05	1.4E05	NA	NA
SIZE- 55 L									
GRAND VALLEY COLO - TEST WELL 96347 94	DATE- 12 10 70	1505	NA	NA	NA	1.2E05	1.1E05	NA	NA
SIZE- 46 L									
GRAND VALLEY COLO - TEST WELL 96346 94	DATE- 12 20 70	0920	NA	NA	NA	1.1E05	1.0E05	NA	NA
SIZE- 37 L									
GRAND VALLEY COLO - TEST WELL 98125 94	DATE- 02 03 71	0935	NA	NA	NA	9.8E04	1.3E05	NA	NA
SIZE- 200 L									
GRAND VALLEY COLO - TEST WELL 98126 94	DATE- 02 03 71	1000	NA	NA	NA	9.7E04	1.1E05	NA	NA
SIZE- 200 L									
GRAND VALLEY COLO - TEST WELL 98153 94 PF	DATE- 02 03 71	0815	NA	NA	NA	NA	NA	NA	NA
SIZE- 249 M3									
-ANALYSIS---RESULT----2SIGMA---UNITS---									
GAMMA									
SPECTRUM									
NEGLIGIBLE									
NO									
CHEM									
GRAND VALLEY COLO - TEST WELL 98154 94 CC	DATE- 02 03 71	0815	NA	NA	NA	NA	NA	NA	NA
SIZE- 249 M3									
-ANALYSIS---RESULT----2SIGMA---UNITS---									
203HG	1.2E01								
NO									
CHEM									

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NATURAL GAS SAMPLING RESULTS OCTOBER 4 1970 - JULY 1 1971

COLORADO	REPORTED	75/05/28	37AK PCI/L	39AR PCI/L	14C PCI/L	3H PCI/L	85KR PCI/L	222RN PCI/L	XE PCI/L
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GRAND VALLEY COLO - TEST WELL
 98155 94 PF DATE- 02 03 71 0815
 SIZE- 249 M³

-ANALYSIS---RESULT---2SIGMA---UNITS---

GAMMA
 SPECTRUM
 NEGLIGIBLE
 NO
 CHEM

GRAND VALLEY COLO - TEST WELL
 98156 94 CC DATE- 02 03 71 0815
 SIZE- 249 M³

-ANALYSIS---RESULT---2SIGMA---UNITS---

GAMMA
 SPECTRUM
 NEGLIGIBLE
 NO
 CHEM

GRAND VALLEY COLO - TEST WELL
 98566 94 DATE- 02 17 71 1108
 SIZE- 60 L OFF- 02 17 71 1113

GRAND VALLEY COLO - TEST WELL
 98567 94 DATE- 02 17 71 1100
 SIZE- L

GRAND VALLEY COLO - TEST WELL
 99341 94 DATE- 03 19 71 1140
 SIZE- L

GRAND VALLEY COLO - TEST WELL
 99400 94 DATE- 03 19 71 1130
 SIZE- L

GRAND VALLEY COLO - TEST WELL
 101054 94 DATE- 04 23 71 1315
 SIZE- 1

-ANALYSIS---RESULT---2SIGMA---UNITS---

3H* 1.0E04

GRAND VALLEY COLO - TEST WELL
 101066 94 DATE- 04 23 71 1305
 SIZE- 1

-ANALYSIS---RESULT---2SIGMA---UNITS---

3H* 3.6E04

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NATURAL GAS CONDENSATE SAMPLING RESULTS OCTOBER 4 1970 - JULY

COLORADO	REPORTED	75/05/02	3H PCI/L
GRAND VALLEY COLO - TEST WELL 98134 95 SIZE- .005 L	DATE- 02 05	71 1200	6.9E07
GRAND VALLEY COLO - TEST WELL 98135 96 SIZE- .005 L	DATE- 02 06	71 1145	6.4E07
GRAND VALLEY COLO - TEST WELL 98350 96 SIZE- .005 L	ON- 02 14	71 1100	4.5E07
	OFF- 02 15	71 1130	
GRAND VALLEY COLO - TEST WELL 98412 96 SIZE- .005 L	ON- 02 15	71 1130	4.3E07
	OFF- 02 16	71 1245	
GRAND VALLEY COLO - TEST WELL 98413 96 SIZE- .005 L	ON- 02 16	71 1245	4.1E07
	OFF- 02 17	71 1045	
GRAND VALLEY COLO - TEST WELL 98465 96 SIZE- .005 L	ON- 02 17	71 1045	3.8E07
	OFF- 02 18	71 1220	
GRAND VALLEY COLO - TEST WELL 98466 96 SIZE- .005 L	ON- 02 18	71 1220	3.4E07
	OFF- 02 19	71 1200	
GRAND VALLEY COLO - TEST WELL 98467 96 SIZE- .005 L	ON- 02 19	71 1200	3.5E07
	OFF- 02 20	71 1000	
GRAND VALLEY COLO - TEST WELL 98556 96 SIZE- .005 L	DATE- 02 21	71 1000	3.3E07
GRAND VALLEY COLO - TEST WELL 98557 96 SIZE- .005 L	DATE- 02 22	71 1130	3.3E07
GRAND VALLEY COLO - TEST WELL 98605 96 SIZE- .005 L	ON- 02 24	71 1545	2.8E07
	OFF- 02 25	71 1100	
GRAND VALLEY COLO - TEST WELL 98649 96 SIZE- .005 L	ON- 02 25	71 1100	2.6E07
	OFF- 02 26	71 1100	
GRAND VALLEY COLO - TEST WELL 98650 96 SIZE- .005 L	ON- 02 27	71 1235	2.6E07
	OFF- 02 28	71 1230	

NATURAL GAS CONDENSATE SAMPLING RESULTS OCTBER 4 1970 - JULY 1

COLORADO	REPORTED	75/06/02	3H PCI/L
GRAND VALLEY COLO - TEST WELL 98725 96 SIZE- .005 L	ON- 02 28 71 1230 OFF- 03 01 71 1055	2.3E07	
GRAND VALLEY COLO - TEST WELL 98781 96 SIZE- .005 L	ON- 03 01 71 1055 OFF- 03 02 71 1130	2.2E07	
GRAND VALLEY COLO - TEST WELL 98782 96 SIZE- .005 L	ON- 03 02 71 1130 OFF- 03 03 71 0845	2.0E07	
GRAND VALLEY COLO - TEST WELL 98889 96 SIZE- .005 L	ON- 03 03 71 0845 OFF- 03 04 71 1100	2.1E07	
GRAND VALLEY COLO - TEST WELL 98890 96 SIZE- .005 L	ON- 03 04 71 1100 OFF- 03 05 71 1145	2.0E07	
GRAND VALLEY COLO - TEST WELL 98891 96 SIZE- .005 L	ON- 03 05 71 1145 OFF- 03 06 71 1040	1.9E07	
GRAND VALLEY COLO - TEST WELL 98892 96 SIZE- .005 L	ON- 03 06 71 1040 OFF- 03 07 71 0950	1.8E07	
GRAND VALLEY COLO - TEST WELL 99008 96 SIZE- .005 L	ON- 03 07 71 0950 OFF- 03 08 71 0950	1.8E07	
GRAND VALLEY COLO - TEST WELL 99009 96 SIZE- .005 L	ON- 03 08 71 0950 OFF- 03 09 71 1315	1.7E07	
GRAND VALLEY COLO - TEST WELL 99119 96 SIZE- .005 L	ON- 03 09 71 1315 OFF- 03 10 71 1120	1.7E07	
GRAND VALLEY COLO - TEST WELL 99118 96 SIZE- .005 L	ON- 03 10 71 1120 OFF- 03 11 71 1010	1.6E07	
GRAND VALLEY COLO - TEST WELL 99175 96 SIZE- .005 L	ON- 03 11 71 1010 OFF- 03 12 71 1300	1.5E07	
GRAND VALLEY COLO - TEST WELL 99176 96 SIZE- .005 L	ON- 03 12 71 1300 OFF- 03 13 71 1015	1.3E07	

NATURAL GAS CONDENSATE SAMPLING RESULTS OCTBER 4 1970 - JULY 1

COLORADO	REPORTED	75/06/02	3H PCI/L
GRAND VALLEY COLO - TEST WELL 99177 96 SIZE- .005 L	ON- 03 13 71 1015 OFF- 03 14 71 1145		1.2E07
GRAND VALLEY COLO - TEST WELL 99232 96 SIZE- .005 L	ON- 03 14 71 1145 OFF- 03 15 71 1130		1.2E07
GRAND VALLEY COLO - TEST WELL 99300 96 SIZE- .005 L	ON- 03 15 71 1130 OFF- 03 16 71 1200		1.2E07
GRAND VALLEY COLO - TEST WELL 99301 96 SIZE- .005 L	ON- 03 16 71 1200 OFF- 03 17 71 1230		1.2E07
GRAND VALLEY COLO - TEST WELL 99371 96 SIZE- .005 L	ON- 03 17 71 1230 OFF- 03 18 71 1245		1.1E07
GRAND VALLEY COLO - TEST WELL 99372 96 SIZE- .005 L	ON- 03 18 71 1245 OFF- 03 19 71 1200		1.0E07
GRAND VALLEY COLO - TEST WELL 99373 96 SIZE- .005 L	ON- 03 19 71 1200 OFF- 03 20 71 0730		1.1E07
GRAND VALLEY COLO - TEST WELL 99374 96 SIZE- .005 L	ON- 03 20 71 0730 OFF- 03 21 71 1245		1.0E07
GRAND VALLEY COLO - TEST WELL 99486 96 SIZE- .005 L	ON- 03 21 71 1245 OFF- 03 22 71 1110		1.0E07
GRAND VALLEY COLO - TEST WELL 99487 96 SIZE- .005 L	ON- 03 22 71 1110 OFF- 03 23 71 1220		1.0E07
GRAND VALLEY COLO - TEST WELL 99552 96 SIZE- .005 L	ON- 03 23 71 1220 OFF- 03 24 71 1200		9.7E06
GRAND VALLEY COLO - TEST WELL 99553 96 SIZE- .005 L	ON- 03 24 71 1200 OFF- 03 25 71 1040		8.0E06
GRAND VALLEY COLO - TEST WELL 99619 96 SIZE- .005 L	ON- 03 25 71 1040 OFF- 03 26 71 1200		8.8E06

NATURAL GAS CONDENSATE SAMPLING RESULTS OCTBER 4 1970 - JULY 1

COLORADO	REPORTED	3H PCI/L
GRAND VALLEY COLO - TEST WELL 99620 96 SIZE- .005 L	ON- 03 26 71 1200 OFF- 03 27 71 1140	8.6E06
GRAND VALLEY COLO - TEST WELL 99621 96 SIZE- .005 L	ON- 03 27 71 1140 OFF- 03 28 71 1200	8.1E06
GRAND VALLEY COLO - TEST WELL 99629 96 SIZE- .005 L	ON- 03 28 71 1200 OFF- 03 29 71 1200	8.5E06
GRAND VALLEY COLO - TEST WELL 99642 96 SIZE- .005 L	ON- 03 29 71 1200 OFF- 03 30 71 1010	7.6E06
GRAND VALLEY COLO - TEST WELL 99643 96 SIZE- .005 L	ON- 03 30 71 1010 OFF- 03 31 71 1025	8.0E06
GRAND VALLEY COLO - TEST WELL 99779 96 SIZE- .005 L	ON- 03 31 71 1025 OFF- 04 01 71 1015	7.0E06
GRAND VALLEY COLO - TEST WELL 99780 96 SIZE- .005 L	ON- 04 01 71 1015 OFF- 04 02 71 1020	6.7E06
GRAND VALLEY COLO - TEST WELL 99781 96 SIZE- .005 L	ON- 04 02 71 1020 OFF- 04 03 71 1015	6.5E06
GRAND VALLEY COLO - TEST WELL 99782 96 SIZE- .005 L	ON- 04 03 71 1015 OFF- 04 04 71 1010	6.2E06
GRAND VALLEY COLO - TEST WELL 99882 96 SIZE- .005 L	ON- 04 04 71 1010 OFF- 04 05 71 0955	5.9E06
GRAND VALLEY COLO - TEST WELL 99883 96 SIZE- .005 L	ON- 04 05 71 0955 OFF- 04 06 71 1150	5.7E06
GRAND VALLEY COLO - TEST WELL 100000 96 SIZE- .005 L	ON- 04 06 71 1150 OFF- 04 07 71 1110	5.8E06
GRAND VALLEY COLO - TEST WELL 100001 96 SIZE- .005 L	ON- 04 07 71 1110 OFF- 04 08 71 1200	5.6E06

NATURAL GAS CONDENSATE SAMPLING RESULTS OCTBER 4 1970 - JULY

COLORADO	REPORTED	75/06/02	3H PC1/L
GRAND VALLEY COLO - TEST WELL			5.4E06
100078 96	ON-	04 08 71 1200	
SIZE- .005 L	OFF-	04 09 71 1000	
GRAND VALLEY COLO - TEST WELL			5.7E06
100079 96	ON-	04 09 71 1000	
SIZE- .005 L	OFF-	04 10 71 1245	
GRAND VALLEY COLO - TEST WELL			5.7E06
100080 96	ON-	04 10 71 1245	
SIZE- .005 L	OFF-	04 11 71 1135	
GRAND VALLEY COLO - TEST WELL			5.4E06
100239 96	ON-	04 11 71 1135	
SIZE- .005 L	OFF-	04 12 71 1105	
GRAND VALLEY COLO - TEST WELL			5.0E06
100326 96	ON-	04 12 71 1105	
SIZE- .005 L	OFF-	04 13 71 0830	
GRAND VALLEY COLO - TEST WELL			4.8E06
100327 96	ON-	04 13 71 0830	
SIZE- .005 L	OFF-	04 14 71 1000	
GRAND VALLEY COLO - TEST WELL			5.1E06
100446 96	ON-	04 14 71 1000	
SIZE- .005 L	OFF-	04 15 71 1010	
GRAND VALLEY COLO - TEST WELL			4.9E06
100447 96	ON-	04 15 71 1010	
SIZE- .005 L	OFF-	04 16 71 1250	
GRAND VALLEY COLO - TEST WELL			5.0E06
100448 96	ON-	04 16 71 1250	
SIZE- .005 L	OFF-	04 17 71 1040	
GRAND VALLEY COLO - TEST WELL			4.5E06
100449 96	ON-	04 17 71 1040	
SIZE- .005 L	OFF-	04 18 71 1210	
GRAND VALLEY COLO - TEST WELL			2.4E06
100563 96	ON-	04 18 71 1210	
SIZE- .005 L	OFF-	04 19 71 1430	
GRAND VALLEY COLO - TEST WELL			3.9E06
100564 96	ON-	04 19 71 1430	
SIZE- .005 L	OFF-	04 20 71 0915	
GRAND VALLEY COLO - TEST WELL			3.4E06
100643 96	ON-	04 20 71 0915	
SIZE- .005 L	OFF-	04 21 71 1045	

NATURAL GAS CONDENSATE SAMPLING RESULTS OCTHER 4 1970 - JULY 1

COLORADO

REPORTED 75/06/02

3H
PCI/L

GRAND VALLEY COLO - TEST WELL 3.8E06

100644 96 ON- 04 21 71 1045
SIZE- .005 L OFF- 04 22 71 1210

GRAND VALLEY COLO - TEST WELL 3.5E06

100784 96 ON- 04 22 71 1210
SIZE- .005 L OFF- 04 23 71 1330

GRAND VALLEY COLO - TEST WELL 1.2E06

100785 96 ON- 04 23 71 1330
SIZE- .005 L OFF- 04 24 71 1230

GROSS BETA RESULTS OCTOBER 4, 1970 - MAY 8, 1972
 OCTOBER 1970

STA- TION NO.	SAMPLING START DAY	SAMPLING STOP DAY	TOTAL TIME (HR.)	SAMPLE VOLUME (M**3)	SAMPLE COUNTED MO DAY HOUR	BETA CON- CENTRATION (PCI/M**3)	BETA/ ALPHA RATIO	NOTE
450	4 711	5 800	24.8	379	10 10 22	LT(.1)		
450	5 801	6 930	25.4	388	10 10 111	LT(.1)		
450	6 930	7 755	22.4	342	10 12 1033	LT(.2)		
450	7 756	8 749	23.8	363	10 13 1042	LT(.2)		
451	5 810	6 800	23.8	322	10 10 40		.2	9.8
451	6 800	7 800	24.0	325	10 12 1038	LT(.2)		
451	7 800	8 830	24.4	330	10 13 1045	LT(.2)		
452	4 1900	5 1900	24.0	366	10 12 1514	LT(.2)		
452	5 1900	6 1900	24.0	366	10 12 1519	LT(.2)		
452	6 1900	7 1900	24.0	366	10 12 1526	LT(.2)		
452	7 1900	8 1900	24.0	366	10 13 1020	LT(.2)		
453	4 830	5 745	23.2	354	10 10 48		.2	21.0
453	5 745	6 745	24.0	366	10 10 113		.2	16.0
453	6 745	7 745	24.0	377	10 12 1040	LT(.1)		
453	7 745	8 745	24.0	387	10 13 1022	LT(.1)		
454	5 1120	6 1100	23.4	378	10 13 1504	LT(.2)		
454	6 1100	7 1100	24.0	387	10 13 1509	LT(.1)		
454	7 1110	8 1120	24.1	389	10 13 1514	LT(.1)		
455	4 1330	5 1010	20.6	297	10 10 24	LT(.2)		
455	5 1010	6 930	23.2	334	10 10 106	LT(.2)		
455	6 930	7 710	21.6	311	10 12 1043	LT(.2)		
455	7 710	8 925	26.3	379	10 13 1048	LT(.1)		
456	4 820	6 705	46.7	753	10 10 116		.1	11.0
456	6 705	7 900	25.9	418	10 12 1045	LT(.1)		
456	7 900	8 900	24.0	387	10 13 1516	LT(.1)		
456	8 900	9 700	22.0	355	10 14 1310	LT(.2)		
457	4 1845	5 1810	23.4	357	10 10 57	LT(.2)		
457	5 1800	7 645	36.6	559	10 12 1521	LT(.1)		
457	7 645	7 1730	10.2	156	10 12 1528	LT(.4)		
457	7 1730	8 1755	24.4	372	10 13 1025	LT(.2)		
457	8 1800	9 1750	23.9	365	10 14 1312		.2	14.0
458	4 1700	5 1700	24.0	366	10 10 59		.2	14.0
458	5 1700	6 1700	24.0	366	10 12 1524	LT(.2)		
458	6 1700	7 1700	24.0	366	10 12 1530	LT(.2)		
458	7 1700	8 1700	24.0	366	10 13 1027	LT(.2)		

NOTE 1 -- SELECTED FOR GAMMA SCAN.

GROSS BETA RESULTS OCTOBER 4, 1970 - MAY 8, 1972

OCTOBER 1970

TA- ION NO.	SAMPLING START DAY	SAMPLING STOP DAY	PERIOD TIME	TOTAL TIME	SAMPLE VOLUME (M ⁻³)	SAMPLE COUNTED MO DAY HOUR	BETA CON- CENTRATION (PCI/M ⁻³)	BETA/ ALPHA RATIO	NOTES
	DAY	HOUR	DAY	HOUR	(HR.)				
59	4	805	5	700	22.9	350	10 10 50	.2	22.0
59	5	700	6	700	24.0	366	10 10 43	.2	16.0
59	6	700	7	700	24.0	366	10 12 1035	LT(.1)	
59	7	700	8	1140	28.6	461	10 13 1030	LT(.1)	
59	8	1140	9	700	19.9	304	10 14 1315	LT(.2)	
59	9	700	10	700	24.0	366	10 15 1019	LT(.2)	
60	4	1800	5	1740	23.9	365	10 10 101	.2	26.0
60	5	1740	6	1715	23.5	359	10 10 109	.2	27.0
60	6	1715	7	1730	24.2	369	10 12 1533	LT(.2)	
60	7	1730	8	1745	24.3	381	10 13 1032	LT(.1)	
61	4	900	5	930	24.5	353	10 12 1517	LT(.2)	
61	5	930	7	1800	56.7	816	10 12 1535	LT(.1)	
61	7	1800	8	1830	24.1	347	10 13 1035	LT(.2)	
62	4	2040	5	1935	23.2	344	10 10 104	LT(.2)	
62	5	1935	6	1820	22.6	345	10 13 1507	LT(.2)	
62	6	1820	7	1615	22.1	328	10 13 1511	LT(.2)	
63	5	845	6	940	24.8	379	10 10 118	LT(.1)	
63	6	940	8	925	27.5	420	10 13 1037	LT(.1)	
64	4	1005	5	845	22.6	345	10 10 54	.2	27.0
64	5	845	6	825	23.6	360	10 10 120	.2	12.0
64	6	825	8	830	48.1	734	10 13 1040	LT(.1)	
64	8	830	9	825	23.7	362	10 14 1317	LT(.2)	
65	5	1000	6	1100	25.0	382	10 21 1130	.2	23.0
65	7	1000	9	1000	48.0	733	10 21 1127	.1	46.0
66	4	750	5	745	23.9	365	10 10 26	LT(.2)	
66	5	750	6	925	25.6	391	10 10 122	LT(.1)	
56	6	930	8	1037	49.0	748	10 13 1050	LT(.1)	
67	4	1233	5	1145	23.2	344	10 10 29	LT(.2)	
67	5	1150	6	1425	26.6	383	10 10 125	.2	9.4
67	6	1432	7	1000	19.4	296	10 12 1048	LT(.2)	
67	7	1005	8	1115	25.2	374	10 13 1053	LT(.2)	
58	4	1155	5	1107	23.2	344	10 10 31	LT(.2)	
58	5	1110	6	1300	25.8	371	10 10 127	.2	13.0
58	6	1305	7	1030	21.4	327	10 12 1050	LT(.2)	
58	7	1035	8	1025	23.8	353	10 13 1055	LT(.2)	

DATE 1 -- SELECTED FOR GAMMA SCAN.

GROSS BETA RESULTS OCTOBER 4, 1970 - MAY 8, 1972
 OCTOBER 1970

STA- TION NO.	SAMPLING START DAY	SAMPLING STOP DAY	PERIOD TIME	TOTAL (HR.)	SAMPLE VOLUME (M**3)	SAMPLE COUNTED MO DAY HOUR	BETA CON- CENTRATION (PCI/M**3)	BETA/ ALPHA RATIO	NOTE
470	4 1025	5 1003	23.6	23.6	350	10 10 33	.2	16.0	
470	5 1020	6 1110	24.9	24.9	380	10 10 129	.2	8.4	
470	6 1015	7 1126	24.1	24.1	368	10 12 1053	LT(.1)		
470	7 1130	8 904	21.6	21.6	320	10 13 1058	LT(.2)		
471	4 905	5 850	23.8	23.8	353	10 10 36	.2	12.0	
471	5 927	6 1030	25.1	25.1	361	10 10 132	.2	13.0	
471	6 1035	7 950	23.3	23.3	335	10 12 1055	LT(.2)		
472	4 1405	5 1410	24.1	24.1	368	10 10 38	LT(.2)		
472	5 1410	6 1130	21.4	21.4	327	10 10 134	.2	5.6	
472	6 1135	7 955	21.4	21.4	327	10 12 1058	LT(.2)		
472	7 920	8 1211	26.9	26.9	411	10 13 1100	LT(.1)		

NOTE 1 -- SELECTED FOR GAMMA SCAN.

GROSS BETA RESULTS OCTOBER 4, 1970 - MAY 8, 1972
 NOVEMBER 1970

STA- TION NO.	SAMPLING START DAY	SAMPLING STOP DAY	TOTAL TIME HOUR (HR.)	SAMPLE VOLUME (M**3)	SAMPLE COUNTED MO DAY HOUR	BETA CON- CENTRATION (PCI/M**3)	BETA/ ALPHA RATIO	NOTE:
468	30	1620	1 1045 18.4	265	12 9	332	LT(.2)	
468	30	1620	1 1045 18.4	265	12 6	1915	LT(.2)	

NOTE 1 -- SELECTED FOR GAMMA SCAN.

GROSS BETA RESULTS OCTOBER 4, 1970 - MAY 8, 1972
 DECEMBER 1970

STA- TION NO.	SAMPLING START DAY	SAMPLING STOP DAY	TOTAL TIME (HR.)	SAMPLE VOLUME (M ³ *3)	SAMPLE COUNTED MO DAY HOUR	BETA CON- CENTRATION (PCI/M ³ *3)	BETA/ ALPHA RATIO	NOTES:
468	1 1050	2 1205	25.2	363	12 14 1000	LT(.2)		
468	2 1250	3 1040	21.8	314	12 9 334	.3	24.0	
468	3 1050	4 1055	24.0	346	12 9 337	.3	39.0	
468	4 1130	5 1150	24.2	348	12 10 2349	.3	24.0	
468	5 1220	6 1010	21.8	314	12 11 1224	LT(.2)		
468	6 1015	7 1107	24.8	357	12 13 1350	.2	14.0	
468	7 1115	8 1025	23.2	334	12 14 1003	LT(.2)		
468	8 1050	9 1110	24.3	350	12 14 1005	LT(.2)		
468	9 1130	10 1035	23.1	333	12 15 1454	LT(.2)		
468	10 1100	11 1210	25.2	363	12 16 1114	LT(.2)		
468	11 1215	12 1015	22.0	317	12 17 1433	LT(.2)		
468	12 1020	13 1145	25.4	377	12 18 1049	.2	13.0	
468	13 1150	14 1030	22.7	337	12 20 1107	.2	19.0	
468	14 1035	15 1030	24.0	356	12 20 1110	.2	8.3	
468	16 1025	17 1150	25.4	377	12 23 1057	LT(.2)		
468	17 1155	18 1100	22.9	340	12 23 1059	LT(.2)		
468	18 1105	19 1230	25.4	377	12 24 1225	LT(.1)		
468	19 1235	20 1450	26.3	390	12 26 1330	LT(.1)		

NOTE 1 -- SELECTED FOR GAMMA SCAN.

GROSS BETA RESULTS OCTOBER 4, 1970 - MAY 8, 1972

FEBRUARY 1971

STA- TION NO.	SAMPLING START DAY	SAMPLING STOP DAY	PERIOD TIME HOUR	TOTAL TIME (HR.)	SAMPLE VOLUME (M [#] 3)	SAMPLE COUNTED	BETA CON- CENTRATION MO DAY HOUR (PCI/M [#] 3)	BETA/ ALPHA RATIO	NOTE
468	1	1250	2 830	19.8	285	2	7 1606	LT(.2)	
468	2	835	3 1125	26.9	387	2	8 1341	.3	19.0
468	3	1145	4 1050	22.9	330	2	9 1029	LT(.2)	
468	4	1055	5 1055	24.0	346	2	9 1032	LT(.2)	
468	5	1100	6 1055	23.9	344	2	11 1110	.5	20.0
468	6	1100	7 1115	24.2	348	2	12 1229	.2	21.0
468	7	1120	8 1120	24.0	346	2	13 212	.3	12.0
468	8	1125	9 1210	24.8	357	2	13 207	.2	25.0
468	9	1215	10 1100	22.7	327	2	16 1625	.2	8.9
468	10	1100	11 1140	24.6	354	2	16 1627	.3	11.0
468	11	1145	12 915	21.5	310	2	17 1625	.2	20.0
468	12	920	13 1055	25.6	369	2	19 1234	.3	17.0
468	13	1100	14 945	22.7	327	2	19 1237	.3	14.0
468	14	950	15 1055	25.0	360	2	20 1806	.4	17.0
468	15	1055	16 1220	25.4	366	2	20 1809	.4	17.0
468	16	1225	17 955	21.5	319	2	22 1621	.2	32.0
468	17	1000	18 1420	28.3	432	2	23 926	.1	14.0
468	18	1432	19 1250	22.2	320	2	24 1333	LT(.2)	
468	19	1255	20 1045	21.9	315	2	25 903	.4	20.0
468	20	1050	21 1215	25.4	366	2	26 1024	LT(.2)	
468	21	1220	22 1240	24.3	350	2	26 2005	LT(.2)	
468	22	1247	23 1130	22.7	327	3	1 1106	.2	42.0
468	23	1137	24 1115	23.7	362	3	1 1108	.2	24.0
468	24	1127	25 1115	23.9	344	3	2 1119	.4	16.0
468	25	1125	26 1010	22.7	327	3	3 1116	LT(.2)	
468	26	1020	27 1315	27.0	389	3	4 1152	LT(.1)	
468	27	1320	28 1130	22.2	320	3	5 1157	LT(.2)	
468	28	1135	1 1230	25.0	360	3	6 1731	.2	7.3

NOTE 1 -- SELECTED FOR GAMMA SCAN.

GROSS BETA RESULTS OCTOBER 4, 1970 - MAY 8, 1972
MARCH 1971

STA-	SAMPLING PERIOD	TOTAL	SAMPLE	SAMPLE	BETA CON-	BETA/	NOTE					
TION	START	STOP	TIME	VOLUME	COUNTED	CENTRATION	ALPHA					
NO.	DAY	HOUR	DAY	HOUR	(HR.)	(M**3)	RATIO					
468	1	1235	2	1045	22.3	321	3	8	1510	.LT(.2)	.3	22.0
468	2	1045	3	915	22.5	324	3	8	1512	.3	.3	18.0
468	3	920	4	1157	26.6	383	3	10	1039	.3	.3	20.0
468	4	1205	5	1237	24.5	353	3	10	1042	.3	.2	18.0
468	5	1242	6	1145	23.0	331	3	11	1136	.2	.2	11.0
468	6	1150	7	1030	22.6	325	3	12	1234	.2	.4	16.0
468	7	1035	8	1030	24.0	346	3	13	1310	.5	.5	17.0
468	8	1038	9	1225	25.8	371	3	13	1312	.4	.4	16.0
468	9	1230	10	1315	24.8	357	3	16	1215	.5	.5	16.0
468	10	1320	11	935	20.3	292	3	16	1213	.5	.5	18.0
468	11	940	12	1430	28.8	415	3	17	6	.8	.8	20.0
468	12	1430	13	1115	20.7	298	3	18	1158	.4	.4	32.0
468	13	1115	14	1315	26.0	374	3	19	1050	.6	.6	21.0
468	14	1315	15	1100	21.7	312	3	21	1218	.6	.6	26.0
468	15	1105	16	1035	23.5	338	3	21	1220	.5	.5	18.0
468	16	1050	17	1135	24.7	356	3	22	1150	.3	.3	55.0
468	17	1155	18	1200	24.1	347	3	23	1226	.3	.3	21.0
468	18	1205	19	1240	24.6	354	3	24	1226	.3	.3	20.0
468	19	1300	20	1210	23.2	334	3	25	1418	.3	.3	40.0
468	20	1220	21	1200	23.6	340	3	26	1058	.9	.9	48.0
468	21	1205	22	915	21.2	305	3	29	1233	.5	.5	36.0
468	22	915	23	1125	26.1	376	3	29	1235	.3	.3	69.0
468	23	1130	24	1135	24.1	347	3	29	1231	.3	.3	23.0
468	24	1140	25	1015	22.5	324	3	30	1114	.7	.7	35.0
468	25	1015	26	1140	25.4	366	3	31	1533	.4	.4	22.0
468	26	1140	27	1110	23.5	338	4	1	1235	.9	.9	22.0
468	27	1110	28	1140	24.6	354	4	2	758	.8	.8	25.0
468	28	1145	29	1130	23.7	341	4	2	1244	.3	.3	16.0
468	29	1130	30	1120	23.9	344	4	5	1231	1.0	1.0	41.0
468	30	1133	31	1050	23.3	335	4	6	1628	.7	.7	29.0
468	31	1100	1	1103	24.0	346						

NOTE 1 -- SELECTED FOR GAMMA SCAN.

GROSS BETA RESULTS OCTOBER 4, 1970 - MAY 8, 1972

APRIL 1971.

TA- ION NO.	SAMPLING START DAY	PERIOD STOP DAY	TOTAL TIME HOUR	SAMPLE VOLUME (M**3)	SAMPLE COUNTED MO DAY HOUR	BETA CON- CENTRATION (PCI/M**3)	BETA/ ALPHA RATIO	NOTES
68	1 1110	2 1055	23.6	340	4 7 1226	.7	46.0	
68	2 1100	3 1037	23.6	340	4 8 953	.9	18.0	
68	3 1045	4 1035	23.8	343	4 9 947	1.0	39.0	
68	4 1046	5 1020	23.6	340	4 11 1743	.8	12.0	
68	5 1025	6 1125	25.0	360	4 12 1025	1.1	36.0	
68	6 1125	7 1045	23.3	335	4 12 1028	1.1	32.0	
68	7 1045	8 1130	24.7	356	4 13 1115	1.0	31.0	
68	8 1135	9 935	22.0	317	4 14 1042	1.3	61.0	
68	9 940	10 1125	25.8	371	4 15 1131	1.1	41.0	
68	10 1125	11 1205	24.6	354	4 16 1044	1.1	28.0	
68	11 1205	12 1035	22.5	324	4 16 1816	.8	22.0	
68	12 1035	13 920	22.7	327	4 17 1346	1.2	35.0	
68	13 920	14 1040	25.3	364	4 19 1107	1.2	19.0	
68	14 1045	15 1200	25.3	364	4 20 1439	.9	19.0	
68	15 1200	16 1125	23.3	335	4 21 1450	.7	13.0	
68	16 1125	17 1215	24.8	357	4 22 1100	.9	24.0	
68	17 1215	18 1140	23.4	337	4 23 826	1.1	23.0	
68	18 1140	19 1530	27.7	399	4 24 245	.5	14.0	
68	19 1540	20 1030	18.8	271	4 24 242	.5	16.0	
68	20 1055	21 1210	25.3	364	4 26 1327	.6	26.0	
68	21 1220	22 1100	22.6	325	4 27 1233	.7	22.0	
68	22 1120	23 1040	23.3	335	4 28 1452	1.0	32.0	
68	23 1051	24 1105	24.2	348	4 29 1526	.6	32.0	
68	24 1120	25 1040	22.4	323	4 30 943	1.5	23.0	
68	25 1100	26 1345	26.7	384	5 1 1622	1.7	31.0	

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ITEM 1 -- SELECTED FOR GAMMA SCAN.

Analytical Procedures

Sample, Type	Analysis	Instrumentation	Count Length	Analytical Procedures	Detectable Limits	Notes
Air Filter						
a) Glass-Fiber	β	Low Background Wide Beta I	2 min.	Gross activity at time of count. Repeated counts for extrapolation to estimate activity at end of collection time.	Net counts exceed 4 times 2-Sigma count-	
	γ	Gamma Spectrometer	10 min.	8x8 matrix solution. Selected isotopes specified in equations' solution.	0.1 pCi/m ³	50-100 pCi total in sample/isotope
b) Charcoal	γ	Gamma Spectrometer	10 min.	Gross count with warning limit set at 300 CPM above background over 0-2 MeV energy range. Isotopic analysis by 8x8 matrix solution.	0.1 pCi/m ³ Single isotope	50-100 pCi total in sample/isotope
Milk	γ	Gamma Spectrometer	20-40 min.	Isotopic analysis by 8x8 matrix solution.	20 pCi/l ¹³¹ I 20 pCi/l ¹³⁷ Cs 20 pCi/l ¹⁴⁰ Ba-La	If masking occurs (presence of other isotopes) detectable limit will vary.
³ H	Liquid Scintillation Counter		100 min.	Collect water distilled from milk.	0.4 pCi/ml H ₂ O	Based on minimum of 5 ml

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Analytical Procedures (Continued)

Sample, Type	Analysis	Instrumentation	Count Length	Analytical Procedures	Detectable Limits	Notes
	⁸⁹ Sr	Low Background Wide Beta II	50 min.	Chemical separation by ion-exchange method. Separated sample counted successively; activity calculated by simultaneous equation solution.	5 pCi/l 2 pCi/l	⁸⁹ Sr, ⁹⁰ Sr analysis dictated by presence of ¹³¹ I, or ¹⁴⁰ Ba-La
	⁹⁰ Sr	Low Background Wide Beta II	50 min.			
Water	γ	Gamma Spectrometer	20-40 min.	Isotopic analysis by 8x8 matrix solution.	20 pCi/l	
	α	Wide Beta II	50 min.	Sample dried, gross activity calculated.	2 pCi/l	
	β	Wide Beta II	50 min.	Sample dried, gross activity calculated.	2 pCi/l	
	⁸⁹ Sr	Wide Beta II	50 min.	Chemical separation by ion-exchange. Separated	5 pCi/l	⁸⁹ Sr, ⁹⁰ Sr analysis dictated by presence of ¹³¹ I or ¹⁴⁰ Ba-La
	⁹⁰ Sr	Wide Beta II	50 min.	sample counted successively; activity calculated by solution of simultaneous equations.	2 pCi/l	
	³ H	Liquid Scintillation Counter	100 min.	Sample prepared by distillation. Counted in liquid scintillation counter.	0.4 pCi/ml	Based on minimum of 5 mls of H ₂ O
Feed (Cow)	γ	Gamma Spectrometer	10-20 min.	Isotopic analysis by 8x8 matrix solution.	50 pCi/kg	
Vegetation	γ	Gamma Spectrometer	10 min.	Gross activity calculated. Qualitative analysis.		Quantitation only within order of magnitude for select isotopes.
	³ H	Liquid Scintillation Counter	100 min.	Separate water from vegetation	0.4 pCi/ml water	based on a minimum of 5 mls of moisture.

Analytical Procedures (Continued)

Sample, Type	Analysis	Instrumentation	Count Length	Analytical Procedures	Detectable Limits	Notes
Air						
a) Compressed Air	Xe, Kr & Ar	Liquid Scintillation Counter (LSC)	100 min.	Inert gases separated from air and counted in LSC. Kr carrier free and Xe with carrier added. Argon carrier free.	^{85}Kr 3 pCi/m ³ ^{37}Ar 2×10^4 pCi/m ³ ^{39}Ar 10^4 pCi/m ³	0.5-1.0 m ³ sample size
b) Molecular Sieve						
1. Ambient	^3H & ^{14}C	Liquid Scintillation Counter	100 min.	Water and CO_2 removed from sieve and collected. Water analyzed for ^3H and CO_2 (as BaCO_3) for ^{14}C by liquid scintillation counting.	^3H 0.4 pCi/ml H_2O ^{14}C 3 pCi/m ³	Based on 5 ml H_2O counted. Based on 0.03% CO_2 in air.
2. Cryogenic	^3H & ^{14}C	Liquid Scintillation Counter	100 min.	Water and CO_2 as in b (1). Noble gases also removed, separated, collected, and counted by LSC. Xe&Kr carriers added.	Kr & Xe 10 pCi/total sample	
c) Freezeout	^3H	Liquid Scintillation Counter	100 min.	Air passed over cold trap to freeze out moisture. Water analyzed for tritium.	^3H 0.4 pCi/ml H_2O	
Natural Gas	Rn	Alpha Scintillation	60 min.	Rn-direct transfer to alpha scintillation cell and counting.	Rn-0.04 pCi/l	100 ml alpha scintillation cell
	^3H & ^{14}C	Liquid Scintillation Counter	100 min.	Gas is combusted and noble gases, water	^3H 0.4 pCi/ml H_2O	

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Analytical Procedures (Continued)

Sample, Type	Analysis	Instrumentation	Count Length	Analytical Procedures	Detectable Limits	Notes
BREATH, Gases	Ar, Xe & Kr ¹⁸⁰	Liquid Scintillation Counter	50-100	Inert gases separated from natural gas and counted in LSC.	Xe & Kr 10 pCi/l 37Ar 100 pCi/l 39Ar 50 pCi/l	
Animal, Wildlife, Vegetation & Soil	³ H	Liquid Scintillation Counter	100 min.	Prepared by distillation of H ₂ O from sample.	.4 pCi/ml of H ₂ O	Detectable limits based on minimum of 5 ml of H ₂ O
Animal & Wildlife	γ	Gamma Spectrometer	20-40 min.	Isotopic analysis by 8x8 matrix solution.	50 pCi/kg	Various animal organs analyzed separately
	⁸⁹ Sr	Low Background Wide Beta II	50 min.	Chemical separation by ion-exchange.	5 pCi/sample	Usually only done on bone sample
	⁹⁰ Sr	Low Background Wide Beta II	50 min.	Chemical separation by ion-exchange.	2 pCi/sample	Usually only done on bone sample.
Soil	γ	Gamma Spectrometer	10-40 min.	Qualitative analysis		Quantitative analysis not usually performed because of U and Th in soil.
	⁸⁹ Sr	Low Background Wide Beta II	50 min.	Leach Sr from soil. Chemical separation by ion-exchange.	5 pCi/sample	
	⁹⁰ Sr	Low Background Wide Beta II	50 min.	Leach Sr from soil. Chemical separation by ion-exchange.	2 pCi/sample	

VIA VIA
 Descriptions of all analyses can be found in Document NVO-28, USAEC Publication, Revised 1968.
 Detailed procedures are present in "SWRHL Analytical Procedures Manual," SWRHL.

Analytical Procedures (Continued)

- Instrumentation Description:
- a) Gamma Spectrometer; 4" x 4" NaI(Tl) detector, 200 channels calibrated at 10 kev per channel (detector enclosed in a steel box with 6"-thick walls, with lead, cadmium and copper lining).
 - b) Wide Beta I, pure methane gas flow, 4" hemispherical detector with anti-coincidence guard ring and automatic sample changer with 60 sample capacity.
 - c) Wide Beta II, pure methane gas flow, 2" hemispherical detector with anti-coincidence guard ring and automatic sample changer with 60 sample capacity.
 - d) Liquid Scintillation Counter. Ambient temperature.

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